DOCUMENT RESUME

ED 217 579 EA 014 877

TITLE	A Classification of Secondary School Courses.
INSTITUTION	Evaluation Technologies, Inc., Arlington, Va.
SPONS AGENCY	National Center for Education Statistics (ED), Washington, DC.
PUB DATE	23 Jul 82
CONTRACT	300-81-0312
NOTE	310p.
EDRS PRICE	MF01/PC13 Plus Postage.
DESCRIPTORS	*Classification; *Courses; Secondary Education; Secondary School Curriculum
IDENTIFIERS	*Course Titles

ABSTRACT

Intended for use in collecting data on secondary school course offerings, this inventory of courses taught nationwide at the secondary level is organized in a classified arrangement. Each course is identified by a six-digit numerical code. The inventory of course titles was developed from three major sources--a sample of 52 public and private secondary school catalogs dated 1979 through 1981; statewide course lists from California, Washington, and Illinois; and recommendations from a panel of experts in secondary school curricula. The inventory includes instructions on its use and information about special features, a list of instructional program categories, cross references for closely related programs, and a title index. Courses are classified under 30 headings. (Author/WD)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED217579

U.S. DEPARTMENT OF EDUCATION
NATIONAL INSTITUTE OF EDUCATION
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

☒ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

- Points of view or opinions stated in this document do not necessarily represent official NIE position or policy.

A CLASSIFICATION
OF
SECONDARY SCHOOL COURSES

Prepared for:

National Center for Education Statistics
Contract Number 300-81-0312

July 23, 1982

EVALUATION TECHNOLOGIES INCORPORATED

2020 N. 14th Street, Sixth Floor • Arlington, Virginia 22201 • (703) 525-5818

EA 014 877

ACKNOWLEDGEMENTS

The Classification of Secondary School Courses was developed by Evaluation Technologies Incorporated of Arlington, Virginia under contract number 300-81-0312 with the National Center for Education Statistics. The Classification was developed by Meredith J. Ludwig, Project Manager; L. James Olivetti; Nancy Sandberg; Barbara J. Waite; and Michael E. Cohen.

Special appreciation is extended to Dr. George H. Brown of NCES who served as Project Officer, and to Dr. Dennis Carroll, Chief, Longitudinal Studies Branch, Division of Multilevel Education Statistics.

A panel of twenty-four subject area specialists and experts in secondary education were the primary review group for this project. The panel made extensive revisions to a draft version of the document and were relied upon for technical support throughout the project. Members of the Review and Recommendations Panel were:

Rosella Bannister, Director, Michigan Consumer Education Center

Gerard Berry, Computer Science Curriculum Specialist, Fairfax County Virginia Public Schools

John W. Brandt, State Supervisor, Vocational Education, Pennsylvania State Department of Education

John M. Christiano, Psychology Instructor, McQuaid Jesuit High School, Rochester, New York

Margaret Dabney, Coordinator, Secondary School Experiential Learning Project, Virginia State University

Jonathan K. Flint, Director of Education Programs, Ethnic Heritage Studies Center, University of Pittsburgh

Charles Hancock, Associate Professor, Foreign Language Education, University of Maryland

William Humm, Office of Research and Statistics, Illinois State Office of Education

Carl E. Jorgensen, Associate Director for Business Education, Virginia State Department of Education

John Kolb, Professor of Mathematics and Science Education, North Carolina State University

Clifford L. Nelson, Chairman, Department of Agricultural and Extension Education, University of Maryland

Sharon Redick, Chairperson, Home Economics Education, Ohio State University

Ann Richardson, Curriculum Specialist for Art and Gifted Programs, Charles County Maryland Public Schools

Francis Roberts, Assistant Director for Elementary and Secondary Programs, National Endowment for the Humanities

Nina Roscher, Professor of Chemistry, Vice Provost for Academic Services, American University

Frances Russell, Director of English, K-12, Winchester Massachusetts Public Schools

Elena Sliepcevich, Professor, Department of Health Education and School of Medicine, Southern Illinois University

Raymond L. Smith, Director, Military Science Department, Washington D.C. Public Schools

Robert Smith, Executive Director, Council for American Private Schools

Ray Vanderbilt, Director, Telecommunications Center, Arlington Virginia Public Schools

William Wade, Headmaster, St. Andrews Sewanee School, St. Andrews, Tennessee

Jane White, Elementary Education Coordinator, University of Maryland

Emmett L. Wright, Director, Science Teaching Center, University of Maryland

Louis Zuccarelli, Program Head, Fire Protection Technology, Northern Virginia Community College

TABLE OF CONTENTS

SECTION — PAGE

ACKNOWLEDGEMENTS ii

TABLE OF CONTENTS iv

INTRODUCTION 1

- Characteristics of the Classification of Secondary School Courses (CSSC) 1
- How to Use the CSSC 3
  - Cautionary Note About Use of CSSC 3
- Special Notes on the CSSC 5
  - The Six-Digit Code 5
  - The "Other" Category 6
  - Bilingual, Gifted and Special Education 7
  - Vocational Student Organizations 7
- List of Instructional Program Categories 9
- Cross References for Closely Related Programs 13

CLASSIFICATION OF SECONDARY SCHOOL COURSES 17

- Agriculture 18
- Architecture and Environmental Design 30
- Area and Ethnic Studies 32
- Business 40
- Communications 60
- Computer and Information Sciences 65
- Consumer, Personal, and Miscellaneous Services 68
- Education 71
- Engineering 73
- Foreign Languages 80
- Health 96

TABLE OF CONTENTS (Cont'd)

SECTION PAGE

Home Economics 104
Industrial Arts 121
Law 125
Letters 126
Liberal/General Studies 141
Library and Archival Sciences 142
Life Sciences 144
Mathematics 149
Military Sciences 156
Multi/Interdisciplinary Studies 160
Parks and Recreation 164
Personal and Social Development 165
Philosophy, Religion, and Theology 177
Physical Sciences 181
Psychology 187
Public Affairs and Protective Services 192
Social Sciences 196
Trade and Industrial 218
Visual and Performing Arts 239

TITLE INDEX 261

INTRODUCTION

The Classification of Secondary School Courses (CSSC) is intended for use in collecting data on secondary school course offerings. It provides an inventory of courses taught nationwide at the secondary level. The inventory is organized in a classified arrangement, using a six-digit numerical code to identify each course.

The CSSC was initially developed for use in coding transcripts of students participating in the National Center for Education Statistics' major longitudinal study, High School and Beyond. The coded transcript data will be part of the broad analyses in High School and Beyond issues relating to equality of educational opportunity; effects of secondary school education on student performance; and the transition of secondary students from high school to early adulthood.

School administrators, state and local education planners, and research scientists will also find the CSSC a useful resource for converting course offerings information from transcripts, master teaching schedules, and other sources into a format appropriate for computer analysis.

CHARACTERISTICS OF THE CSSC

The CSSC includes titles of courses offered in grades 7 through 12 in public and private schools in the United States. Vocational, academic, and general courses are represented. However, only those courses offered for credit are included in the document.

The inventory of course titles was developed from three major sources:

1. Course titles were obtained from a sample of fifty-two secondary school catalogs dated 1979 through 1981. The sample included catalogs from both public and private schools, including religiously-affiliated schools. Twenty-four states were represented in the sample. Each credit course was treated as an individual data element to be

analyzed. Most catalogs contained substantial course descriptions and included, on the average, 200 courses each. Thus, the sample constituted a pool of approximately 10,000 secondary courses for analysis.

2. Statewide course lists from California, Washington, and Illinois were analyzed for course titles not represented in the sample of local catalogs. These state lists each contained between 500 and 750 course titles. No course descriptions were provided in the state lists.

3. A panel of twenty-four experts in secondary school curricula reviewed a draft version of the CSSC. During a two-day meeting held in Washington, D.C. in April, 1982, the panelists provided oral and written recommendations for revision of the draft. A substantial number of new course titles were added as a result of the panel's input.

The CSSC was based on the structure of a related document, The Classification of Instructional Programs (CIP) published by the National Center for Education Statistics.[1] The CSSC uses the first four digits of the CIP code as the root of its six-digit code. No variation of the CIP two- or four-digit codes or creation of new two- or four-digit codes beyond those used in the CIP was made. The descriptions of the two- and four-digit level instructional programs used in the CSSC were all taken verbatim from the CIP, as well.

The CSSC was developed in response to a need for a classification system that addressed course-level data and that focused specifically on secondary school curricula. Therefore, while the CSSC and the CIP are closely related, the CSSC is designed to differ from the CIP in two fundamental ways.

---

[1] Malitz, Gerald S. A Classification of Instructional Programs. U.S. Department of Education, Office of Education Research and Improvement, National Center for Education Statistics, NCES 81-323, Washington, D.C.: U.S. Government Printing Office, 1981.

The basic unit of instruction in the CSSC is the individual COURSE. In the CIP, the basic unit is the INSTRUCTIONAL PROGRAM. Consequently, the CSSC is much finer grained than the CIP. For example, while the CIP lists a single instructional program entitled History, the CSSC contains 69 individual courses within the history area of instruction.

The CSSC was designed to include courses offered at the secondary level, grades 7 through 12. The CIP encompasses all education levels, elementary, secondary, and postsecondary. In developing the CSSC from the CIP structure, several CIP program areas were identified as solely postsecondary. Therefore, no specific course titles were listed in the CSSC for these areas. The two-digit areas from the CIP considered postsecondary were: Education (13), Engineering (14), Health Sciences (18), Home Economics (19), Military Technologies (29), and Science Technologies (41).

HOW TO USE THE CSSC

The CSSC was designed to describe course offerings in secondary education in the late 1970's and to provide a coherent means for classifying these courses for the purpose of data gathering. Readers should keep in mind the following cautionary note regarding the intended uses of the CSSC:

> CAUTION
>
> This document is descriptive only. It is not prescriptive, inclusive, or limiting. It is in no sense a Federal curriculum. It should not be used as a justification for deciding which department should teach which courses.

The main body of the CSSC text is the organized list of course titles. The list is organized by 50 two-digit program categories and, within each of these, by four-digit instructional programs.

At the two- and four-digit levels, the CSSC text contains descriptive paragraphs for the instructional programs. At the six-digit level, individual courses are presented as in the sample below:

$\overbrace{\text{07.0631}}^{a}$ $\overbrace{\text{Secretarial Administration 1}}^{b}$

c — Secretarial Practice; Secretarial Procedures; Secretarial Office Practice; Secretarial Typewriting, Integrated; Secretarial Skills, Integrated

d — secretarial occupations; records management; human relations; general office workflow; advanced typewriting; etiquette; information processing; text editing

The parts of a course entry are indicated by the letters a, b, c, and d in the sample. They are:

a. Six-Digit Code. Each entry representing a unique secondary course is assigned a six-digit code. The first four digits reading from left to right are taken from the CIP in all cases. Here the 07.06 represents the CIP area "Secretarial and Related Programs." The fifth and sixth digits provide a unique numerical code for the specific course.

b. Main Course Title. A significant problem in gathering course offerings data is that a variety of possible titles can be used to identify a single course. The title occurring most frequently in connection with a specific course was established as the main course title.

c. Alternate Course Titles. These titles are variations on the main title used to describe a course with the same content. All alternate titles have the same six-digit code as the main title they are listed under. In this way, the CSSC aggregates the diverse course titles used in local schools to describe the same course.

d. Keyword Descriptors. These phrases are intended to provide a description of the content of the associated course. The phrases are adapted from the course descriptions in local catalogs, enriched with panelists' recommendations.

There are several ways to access the classification of course titles depending upon individual needs. If the user wishes to scan course titles within a broad area of instruction, the List of Instructional Program Categories on page 9 should be consulted first. This List presents the 50 two-digit categories in the order in which they appear in the document and gives a broad picture of the CSSC's content.

A Table of Cross References is also provided beginning on page 13. The Table identifies areas of substantial overlap of instructional programs and can be used to supplement the List of Instructional Program Categories.

If the user wishes to search for a specific course, the Title Index beginning on page 261 should be consulted. This index is an alphabetical list of all main and alternate course titles in the CSSC. It includes the six-digit code numbers assigned to these course titles. The codes can be used to locate specific courses in the main classification.

SPECIAL NOTES ON THE CSSC

The Six-Digit Code. As mentioned above, the first four digits of the CSSC codes are in all cases taken directly from the CIP. The fifth and sixth digits were determined by one of two procedures. These procedures are described below and illustrated in the accompanying table.

The first procedure was used in all cases where the total number of different courses within a four-digit program area was less than nine. In such situations, the fifth digit was used as a course designator and the sixth digit as a course level indicator. For example, there are eight individual courses classified in the four-digit area 01.06 "Horticulture." "Horticulture," a local course title, is classified as 01.0611, the first of these eight courses at the first level of study. "Landscaping" is listed as the third course in this area and coded as 01.0631. "Landscaping, Advanced" is a second level of this third course. Therefore, it has a "2" at the sixth digit, i.e., 01.0632. In this way, some "intelligence" is included in the code at the fifth and sixth digit (see Procedure 1 below).

A different procedure had to be used when the number of courses within a four-digit program area exceeded nine. In such cases the course titles were numbered sequentially starting with "0" as the fifth digit and "1" as the sixth digit. As an example, "Pure Mathematics" is assigned one four-digit code level, 27.04. The CSSC course title "Pre-Algebra" is coded following this procedure as 27.0401. "Algebra 1, Part 1" is coded as 27.0402, and so forth. The last title included in this four-digit area, "Mathematics Independent Study," is coded as 27.0424, the twenty-fourth course in the sequence (see Procedure 2 below).

Procedure 1 Less than nine courses per four-digit area		Procedure 2 More than nine courses per four-digit area	
Course Name	Code	Course Name	Code
Horticulture	01.0611	Pre-Algebra	27.0401
Floriculture	01.0621	Algebra 1, Part 1	27.0402
Landscaping	01.0631	Algebra 1, Part 2	27.0403
Landscaping, Advanced	01.0632	Algebra 1	27.0404
Greenhouse Management	01.0641	Algebra 2	27.0405
Nursery Operations	01.0651	Geometry, Plane	27.0406

The "Other" Category. Within each four-digit instructional program area, one six-digit code was established to accommodate courses not specifically identified in the CSSC. The code consists of the four digits plus zeros in the fifth and sixth positions. The main titles used in the CSSC for these codes are the four-digit level program titles followed by "other;" e.g., "Agriculture Services and Supplies, Other" (code: 01.0500).

Bilingual, Gifted, and Special Education. No special coding for courses designed for academically talented or special needs students is supplied in the CSSC, nor is special coding available for courses taught in a language other than English.

Vocational Student Organizations. While it is recognized that participation in vocational student organizations is an essential part of many instructional programs at the secondary level, the CSSC does not includ keyword descriptors to indicate such participation.

LIST OF INSTRUCTIONAL PROGRAM CATEGORIES

Agriculture

01. Agribusiness and Agricultural Production
02. Agricultural Sciences
03. Renewable Natural Resources

Architecture and Environmental Design

04. Architecture and Environmental Design

Area and Ethnic Studies

05. Area and Ethnic Studies

Business

06. Business and Management
07. Business and Office
08. Marketing and Distribution

Communications

09. Communications
10. Communication Technologies

Computer and Information Sciences

11. Computer and Information Sciences

Consumer, Personal, and Miscellaneous Services

12. Consumer, Personal, and Miscellaneous Services

Education

13. Education

Engineering

14. Engineering
15. Engineering and Engineering-Related Technologies

Foreign Languages

16. Foreign Languages

Health

17. Allied Health
18. Health Sciences

Home Economics

19. Home Economics
20 Vocational Home Economics

Industrial Arts

21. Industrial Arts

Law

22. Law

Letters

23. Letters

Liberal/General Studies

24. Liberal/General Studies

Library and Archival Sciences

25. Library and Archival Sciences

Life Sciences

26. Life Sciences

Mathematics

27. Mathematics

Military Sciences

28. Military Sciences
29. Military Technologies

Multi/Interdisciplinary Studies

30. Multi/Interdisciplinary Studies

Parks and Recreation

31. Parks and Recreation

Personal and Social Development

32. Basic Skills
33. Citizenship/Civic Activities
34. Health-Related Activities
35. Interpersonal Skills
36. Leisure and Recreational Activities
37. Personal Awareness

Philosophy, Religion, and Theology

38. Philosophy and Religion
39. Theology

Physical Sciences

40. Physical Sciences
41. Sciences Technology

Psychology

42. Psychology

Public Affairs and Protective Services

43. Protective Services
44. Public Affairs

Social Sciences

45. Social Sciences

Trade and Industrial

46. Construction Trades
47. Mechanics and Repairers
48. Precision Production
49. Transportation and Material Moving

Visual and Performing Arts

50. Visual and Performing Arts

CROSS REFERENCES FOR CLOSELY RELATED PROGRAMS IN SECONDARY SCHOOL CURRICULA

This table is designed to enable users to locate courses in the CSSC that may be taught within several different disciplines or program areas in secondary curricula. The interdisciplinary content of many courses and the variance in school districts' placement of courses within their curricula make assignment of single classification codes to course titles difficult.

The placement of a course within a particular four-digit program area in the CSSC does not eliminate the possibility of the same course being offered within a number of other four-digit areas as well. The cross references appearing below were identified by the Review Panelists as being areas of substantial overlap of program content in secondary education.

For Related Courses In:	See Also:
08.02 Business and Personal Services Marketing	09.02 Advertising
09.01 Communications, General	10.01 Communications Technologies 15.03 Electrical and Electronic Technologies 23.05 Creative Writing 50.05 Dramatic Arts
10.01 Communication Technologies	50.06 Film Arts
11.02 Computer Programming 11.03 Data Processing	07.03 Business Data Processing
16.01 through 16.11 Foreign Languages	15.01 Area Studies 15.02 Ethnic Studies
22.01 Law	43.01 Criminal Justice

23.01	English, General	30.04	Humanities
		50.05	Dramatic Arts
27.03	Applied Mathematics	07.01	Accounting, Bookkeeping and Related Programs
		11.01	Computer and Information Sciences, General
		27.01	Mathematics, General
34.01	Health Related Activities	17.01	through 17.08 Allied Health
		26.01	through 26.07 Life Sciences
		30.01	Biological and Physical Sciences
42.01	Psychology, General	35.01	Interpersonal Skills
		37.01	Personal Awareness
45.01	Social Sciences, General	30.04	Humanities and Social Sciences
		42.01	Psychology, General
45.07	Geography	05.01	Area Studies
45.08	History		
45.10	Political Science and Government	22.01	Law
		33.01	Citizenship
45.11	Sociology	30.07	Women's Studies
50.07	Fine Arts	04.02	Architecture
50.08	Graphic Arts Technology	09.04	Journalism
		48.02	Graphic and Printing Communication

CLASSIFICATION OF SECONDARY SCHOOL COURSES

01. AGRIBUSINESS AND AGRICULTURAL PRODUCTION. A summary of groups of instructional programs that prepare individuals to apply scientific knowledge and methods, and technical skills in support of agribusiness and agricultural activities concerned with the production and propagation of crops and animals, supplies and services, mechanics, products processing and marketing, and horticulture.

01.01 AGRICULTURAL BUSINESS AND MANAGEMENT. A group of instructional programs that prepare individuals to apply the economic and business principles involved in the organization, operation, and management of farm and agricultural business.

01.0111 Agribusiness, Introduction

Agricultural Business

Introductory course; agricultural businesses; management practices

01.0121 Agricultural Business Operation

Agricultural Business Leadership

salesmanship; marketing and records; economic principles; agricultural enterprise

01.0131 Farm and Ranch Management

accounting; taxes; production; financing; capital resources; farm enterprises

01.0141 State and Community Agriculture

agricultural information; optimum crop and animal production geographic locations

01.0151 Agricultural Mathematics

agricultural economics; business mathematics

01.0161 Agricultural Microprocessing

record keeping; tax records; software selection; equipment controls

01.0171 Agriculture Cooperatives

work experience in agribusiness; business organization

01.0181 Agriculture, Independent Study

agriculture studies; independent projects

01.0100 Agricultural Business and Management, Other

01.02 AGRICULTURAL MECHANICS. A group of instructional programs that prepare individuals to select, operate, maintain, service, sell, and use agriculture/agribusiness power units, machinery, equipment, structures, and utilities. Includes instruction in agricultural power units; the planning and selection of materials for the construction of agricultural facilities; and the mechanical practices associated with irrigation, drainage, run-off, water conservation, and erosion control.

01.0211 Agricultural Mechanics, General

Agricultural Construction and Maintenance

agricultural equipment maintenance; maintenance of hand and power tools; arc welding

01.0212 Agricultural Mechanics 2

advanced course; agribusiness power equipment; methods of irrigation; land leveling; contouring

01.0213 Agricultural Mechanics 3

continued advanced study; agribusiness equipment

01.0214 Agricultural Mechanics 4

continued advanced study; agribusiness equipment

01.0221 Welding, Agricultural

welding repair and construction of agricultural machinery

01.0231 Power and Machinery, Agricultural

Small Engines, Agricultural

equipment selection, operation and repair; agricultural power units

01.0241 Farm Construction

planning, materials selection; construction of agricultural structures; environmental facilities construction

01.0251 Electricity and Electronics, Agricultural

safe use of electricity; electrical power; automatic controls

01.0261 Soil and Water Mechanical Practices

irrigation; drainage; soil contours; terracing; strip cropping; irrigation equipment maintenance

01.0271 Surveying, Agricultural

describing geographic areas; agricultural applications; mapping; layout of contours; ponds

01.0200 Agricultural Mechanics, Other

01.03 AGRICULTURAL PRODUCTION. A group of instructional programs that prepare individuals in planning and economically using facilities, land, water, machinery, chemicals, finance, and labor in the production of plant and animal products.

01.0311 Agricultural Production, General

Production Agriculture

animal and plant production; farming production

01.0312 Agriculture Technology 1

vocational agriculture; technical information about agriculture

01.0313 Agriculture Technology 2

processing and distribution of agricultural products

01.0321 Animal Production

Animal and Veterinary Science; Animal Husbandry

livestock production and basic veterinary science; selection, breeding, nutrition, health, housing, feeding, marketing; animal physiology and diseases

01.0331 Crop Production

grains; fiber; forages; specialty crops; harvesting; production facilities operation

01.0300 Agricultural Production, Other

01.04 AGRICULTURAL PRODUCTS AND PROCESSING. A group of instructional programs that prepare individuals to process food and nonfood products and to inspect those products preparatory to marketing. Includes instruction in the characteristics and properties of agricultural products and of agriculture-related processing techniques and skills (including quality control and mechanical operations involved in marking, grading, inspecting, packaging, storing, and marketing.

01.0400 Agricultural Products and Processing, Other

01.05 AGRICULTURAL SERVICES AND SUPPLIES. A group of instructional programs that prepare individuals to sell supplies for agricultural production; provide agricultural services; and purchase, grade, store, market, and transport agricultural products. Includes instruction in animal breeding, horseshoeing, small animal services, and animal hospital care services.

01.0511 Agricultural Supplies Marketing

marketing operations; feeds; fertilizers; machinery; seeds; herbicides; pesticides; fungicides

01.0521 Animal Grooming

Pet Grooming

techniques for grooming small animals

01.0500 Agricultural Services and Supplies, Other

01.06 HORTICULTURE. A group of instructional programs that prepare individuals to produce, process, and market plants, shrubs, and trees used principally for ornamental, recreational, and aesthetic purposes and to establish, maintain, and manage horicultural enterprises such as arboriculture, floriculture, greenhouse operation and management, landscaping, nursery operation and management, and turf management. Includes instruction in machinery and equipment necessary for each horticultural enterprise.

01.0611 Horticulture

Plant Propagation

landscaping; florist and garden centers; turf growth and care; diseases; chemicals; pesticides; fungicides; insecticides

01.0621 Floriculture

Floriculture and Gardening

ornamental plant culture; turf management and gardening; greenhouse operation

01.0631 Landscaping

Landscaping and Home Fruit Production; Landscape Maintenance and Construction; Landscape Design

soil types; fertilizer use; lawn and turf maintenance; pest and disease control; plant identification; landscape planning and construction

01.0632 Landscaping, Advanced

history of landscaping; common styles of landscaping; practice in drawing techniques and design theory

01.0641 Greenhouse Management

plants under glass; artificial environments for plants; commercial production

01.0651 Nursery Operations and Management

Nursery Practices; Nursery Management

plant propagation; landscaping with plants; study of soils, insects, diseases, weeds, agricultural chemicals

01.0661 Horticulture Power Equipment Operation and Maintenance

power equipment; horticulture operation and maintenance

01.0671 Turf Management

grasses and ground covers; growth and maintenance

01.0681 Fruit and Vegetable Production

orchard production; commercial vegetable production; harvesting; processing; marketing; storage

01.0600 Horticulture, Other

01.07 INTERNATIONAL AGRICULTURE. A group of instructional programs that prepares individuals to apply the social, biological, and agricultural sciences, and technologies as they relate to food production and distribution on a world-wide scale.

01.0700 International Agriculture, Other

01.99 AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER. A group of instructional programs in agribusiness and agricultural production not described above.

01.9900 Agribusiness and Agricultural Production, Other

02. AGRICULTURAL SCIENCES. A summary of groups of instructional programs that describe the production, processing, and distribution of food and fiber.

02.01 AGRICULTURAL SCIENCES, GENERAL. A group of instructional programs that generally describes the production, processing, and distribution of food and fiber.

02.0111 Agricultural Sciences, General

Agriculture Fundamentals

production; processing; distribution; food and fiber

02.0121 Agricultural Occupations 1

soils; livestock; plants; equipment; agricultural mechanics; agricultural occupations level 1

02.0122 Agricultural Occupations 2

soils; livestock; plants; equipment; agricultural mechanics; agricultural occupations level 2

02.0123 Agricultural Occupations 3

soils; livestock; plants; equipment; agricultural mechanics; agricultural occupations level 3

02.0124 Agricultural Occupations 4

soils; livestock; plants; equipment; agricultural mechanics; placement in agriculture; agricultural occupations level 4

02.0100 Agricultural Sciences, Other General

02.02 ANIMAL SCIENCES. A group of instructional programs that describe the theories, principles, and applications of appropriate technical skills that apply to the production and management of animals and animal products.

02.0211	Animal Sciences 1 animal nutrition; diseases; parasites; farming experience
02.0212	Animal Sciences 2 animal nutrition; diseases; parasites; enterprise specialization
02.0221	Livestock 9 production and management of livestock; feeding; management; disease control
02.0222	Livestock 10 production and management of livestock
02.0231	Poultry production and management of poultry
02.0241	Dairy Production production and management; milk animals and dairy products
02.0251	Nutrition and Feeds vitamins; protein; feed additives; food production; fiber production
02.0261	Horse Production production and management of horses
02.0271	Small Animal Production production and management of small animals; food; research; breeding
02.0281	Fish Production production and management of fish; pond construction
02.0200	Animal Sciences, Other

02.03 FOOD SCIENCES. A group of instructional programs that describe the principles and practices involved in converting agricultural products to forms suitable for direct human consumption, or for storage.

02.0300 Food Sciences, Other

02.04 PLANT SCIENCES. A group of instructional programs that describe the theories and principles of science and practices involved in the production and management of plants for food, feed, fiber, and soil conservation.

02.0411 Agronomy

Plant Science

field crop production; truck crops; seed production; pest control; oramental horticulture; marketing

02.0421 Ornamental Horticulture 1

job entry competencies; landscape workers; greenhouse and nursery workers; hand tool and equipment maintenance and repair; sprinkler system installation; ornamental fencing

02.0422 Ornamental Horticulture 2

ground workers; greenhouse and nursery preparation; equipment operation; plant science

02.0423 Ornamental Horticulture 3

processing and distribution of plant and floral products; grounds, nursery, and greenhouse maintenance; equipment handling

02.0400 Plant Sciences, Other

02.05 SOIL SCIENCES. A group of instructional programs that describe the physical, chemical, and biological sciences and basic principles which relate to the determination of soil properities and their conservation and management for crop production or other purposes.

02.0511 Soil Sciences, General

use of herbicides, insecticides, fertilizers; types of soils; soil preparation; soil testing; soil evaluation

02.0521 Fertilizers and Chemicals

Agricultural Chemistry

fundamental chemical principles; nature and properties of soils

02.0500 Soil Sciences, Other

02.99 AGRICULTURAL SCIENCES, OTHER. A group of instructional programs in agricultural sciences not described above.

02.9900 Agricultural Sciences, Other

03. RENEWABLE NATURAL RESOURCES. A summary of groups of instructional programs that prepare individuals for activities involving the conservation and/or improvement of natural resources such as air, soil, water, land, fish, and wildlife for economic and recreational purposes.

03.01 RENEWABLE NATURAL RESOURCES, GENERAL. A group of instructional programs that generally prepares individuals for activities involving the conservation and/or improvement of natural resources such as air, soil, water, land, fish, and wildlife for economic and recreational purposes.

03.0100 Renewable Natural Resources, Other General

03.02 CONSERVATION AND REGULATION. A group of instructional programs that prepare individuals to engage in activities concerned with the preservation, protection, and regulation of renewable natural resources.

03.0211 Conservation and Regulation

Soils, Forestry and Wildlife

air; water; soil; trees; wildlife; recreation areas

03.0200 Conservation and Regulation, Other

03.03 FISHING AND FISHERIES. A group of instructional programs that prepare individuals to engage in fishing for commercial purposes and to manage fish resources to optimize production.

03.0311 Waterman Occupations

sea food biology; harvesting techniques; boating skills; marine mechanics; equipment repair and construction; marketing

03.0300 Fishing and Fisheries, Other

03.04 FORESTRY PRODUCTION AND PROCESSING. A group of instructional programs that prepare individuals to produce, protect, and manage timber and speciality forest crops; maintain, operate, and repair related equipment and machinery; harvest and transport trees as a crop and select, grade, and market forest raw materials for converting into a variety of consumer goods, and to utilize the forest for multiple purposes such as game preserves and recreation.

03.0400 Forestry Production and Processing, Other

03.05 FORESTRY AND RELATED SCIENCES. A group of instructional program that prepare individuals to apply the science, art, and practice of managing and using for human benefit the natural resources that occur on, and in association with, forest lands.

03.0511 Forestry Science 1

Forestry, Introduction

measuring; marking; harvesting; marketing of forest products; management

03.0512 Forestry Science 2

advanced course; study of products of the forest

03.0500 Forestry and Related Sciences, Other

03.06 WILDLIFE MANAGEMENT. A group of instructional programs that prepares individuals in the principles and practices used in the production and improvement of wildlife resources for aesthetic, ecological, and recreational uses of public and private lands.

03.0611 Wildlife Management

management production and improvement of wildlife resources

03.0621 Rural Recreation

aesthetic, ecological and recreational uses; public and private lands

03.0600 Wildlife Management, Other

03.99 RENEWABLE NATURAL RESOURCES, OTHER. A group of instructional programs in renewable natural resources not described above.

03.9900 Renewable Natural Resources, Other

04. ARCHITECTURE AND ENVIRONMENTAL DESIGN. A summary of groups of instructional programs that describe the methods to create, adapt, alter, preserve, and control man's physical and social surroundings.

04.01 ARCHITECTURE AND ENVIRONMENTAL DESIGN, GENERAL. A group of instructional programs that generally describes the methods to create, adapt, alter, preserve, and control man's physical and social surroundings.

04.0100 Architecture and Environmental Design, Other General

04.02 ARCHITECTURE. A group of instructional programs that describes the processes that promote the use of aesthetic patterns, forms, and structures for human purposes in harmony with the environment.

04.0211 Architecture, Introduction

history of architecture; architectural styles; forms in architecture; blueprint reading; basic drafting skills

04.0212 Architecture, Advanced

architectural design and drafting; floor plans; drawing elevations; foundations; mechanical plans

04.0221 Architectural Theory

building evolution; architectural construction, styles, terminology; area planning

04.0200 Architecture, Other

04.03 CITY, COMMUNITY, AND REGIONAL PLANNING. A group of instructional programs that describe the application of the planning process to the development of environmental programs designed to deal with urban, regional, and other geographically distinct areas.

04.0300 City, Community, and Regional Planning, Other

04.04 ENVIRONMENTAL DESIGN. A group of instructional programs that describe the processes, procedures, observations, and techniques essential to the development of designs for interior and exterior environments.

04.0400 Environmental Design, Other

04.05 INTERIOR DESIGN. A group of instructional programs that describe the processes, procedures, observations, and techniques essential to the development of designs for interior environments.

04.0511 Interior Design

design problems; color; furniture styles; interior environments; architectural concerns

04.0500 Interior Design, Other

04.06 LANDSCAPE ARCHITECTURE. A group of instructional programs that describe the design processes as applied to man-made structures and objects and animate and inanimate natural materials in the landscape with the object of furthering human purposes, and synthesizing knowledge of functional relationships, human behavior, ecology, and land form, construction technology, and aesthetic sensitivity.

04.0600 Landscape Architecture, Other

04.07 URBAN DESIGN. A group of instructional programs that describe the systemnatic process of creating and modifying those physical elements which constitute a city; synthesizing function, aesthetic sensitivity, technology, and social, phychological, and economic well-being.

04.0700 Urban Design, Other

04.99 ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER. A group of instructional programs in architecture and environmental design not described above.

04.9900 Architecture and Environmental Design, Other

05. AREA AND ETHNIC STUDIES. A summary of groups of instructional programs that describe the history, society, politics, culture, and economics of either a particular geographic region or a particular subset of the population sharing common racial characteristics or common traits and customs.

05.01 AREA STUDIES. A group of instructional programs that describe the history, society, politics, culture, and economics of a particular geographic region.

05.0101 Area Studies

survey of social, political, and cultural history; Africa, Latin America, China, Japan, Russia, India, South Pacific, Europe

05.0102 American Studies, Basic

contemporary issues; culture; domestic and international politics; print media resources; practical economic issues

05.0103 American Studies, General

American Studies, Regents; American Studies, Academic; American History and American Character

survey of social, political, cultural and economic history; current events

05.0104 America's People and Problems

Factors that Made America Great; American Social Change; Contemporary America

contemporary American problems; social, political, and economic changes; achievements and failures; social awareness development

05.0105 American Studies, Honors

study of American culture, politics and economy

05.0106 New England Studies

social, political, cultural history; folklore; current events

05.0107 Old South

cultural traditions pre-Civil War; plantations; slave system; cotton culture

05.0108 American West

American Frontiers; Wild West; How the West Was Won

legend and reality; railroads and cowboys; philosophical and cultural contributions

05.0109 Southwest United States

social, political, and cultural history; Anazasi and Pueblo cultures; Spanish influences; current issues

05.0110 Anglo America

historical American and Canadian political, geographic and economic interdependence; resources and culture

05.0111 North America and Current Events

study of United States, Canada, and Mexico; interdependence; economic, political, and physical aspects; news analysis and reporting

05.0112 North and South America

political, economic, physical, and cultural differences; international trade issues

05.0113 Latin America

Latin American Studies; Latin America and the Caribbean; Mesoamerica; South America

Indian heritage; Latin American roots; colonization; current economic, political and social problems

05.0114 World Studies 1

World Cultures 1

ancient civilizations; non-western culture; Egypt, Greece, Rome, American Indian, Medieval Europe; Africa, Latin America, Orient, Polynesia; religion and cultural development

05.0115 World Studies 2

World Cultures 2

modern world historical development; Renaissance through twentieth century; history, science, industry and culture

05.0116 World Studies, Honors

World Cultures, Honors

ancient civilizations; non-western history; modern world development; international, economic, political and social twentieth century issues

05.0117 Comparative World Cultures

comparative world culture study; geography, economics, political science, history and humanities

05.0118 European Culture Studies, Basic

Western Europe on the Move

chronological development of European history; Western philosophies; America's European inheritance

05.0119 European Culture Studies, General

Western European Culture Studies, Academic; Europe and Current Events; Western Man; European Culture Studies, Regents

ancient through modern times; world impact; cross nation comparison; news analysis

05.0120 European Culture Studies, Honors

Western European Culture Studies, Honors

forces and trends shaping Western thought and civilization; America's European inheritance

05.0121 Developing Nations

Developing World; Emerging Nations

contemporary Third World nation development; People's Republic of China; traditional cultures; current news

05.0122 African Area Studies

African Cultural Area

historical African civilizations; colonization; independence struggles; racial issues

05.0123 Africa and South America

civilizations, cultures and governments; multiple nation arrangements

05.0124 Asian and African Cultural Studies, Basic

geography; history and economics; culture; political science; current events

05.0125 Asian and African Cultural Studies, General

Asian and African Cultural Studies, Regents

geography; history and economics; culture; political science; current events

05.0126 Asian and African Cultural Studies, Honors

geography; history and economics; culture; political science; current events

05.0127 Asian Studies

East Asian Studies; Oriental Cultures; Chinese and Japanese Cultures; Orient, Land of Mystery

cultural groups; history; present world status; China, Japan, Korea, and India

05.0128 History of China

social, cultural, political, and economic institutions; cultural, political and social changes; geographic background

05.0129 Asia, Africa and Mideast

colonization; living standards; world influence; physical, economic, and political features

05.0130 Africa and Middle East

developing nations; race relations; cultural conflicts; United States relations

05.0131 Middle Eastern Studies

history and culture; social, political, and economic issues

05.0132 Middle East, War for Survival

study of Arab nations and Israel; historic relationship; international impact

05.0133 U S S R

Russian and Slavic Studies; Soviet Union; Making of Modern Russia; Soviet Area Studies

traditional Russia; revolution; Soviet Union; modern technology; satellites; communism

05.0134 Soviet Union and China

traditional and modern China; nineteenth and twentieth century Russia; political, economic, social, and historical aspects

05.0135 Soviet Union and Afro American Developing Nations

study of Russia, Latin America, Africa, and Middle East; political, religious, educational, and daily living components

05.0136 History of Russia

past and present; political, social, and economic conditions; communist system

05.0137 Neglected World

study of Pacific Islands; forgotten nations; historical and cultural survey

05.0138 Global Education

Global Perspectives; Global Studies; Global Issues; World Problems

study of nations' interdependence; food energy, environment, and human rights; U.S. role in world relations

05.0100 Area Studies, Other

05.02 ETHNIC STUDIES. A group of instructional programs that describe the history, society, politics, culture, and economics of subsets of the population sharing common racial characteristics or common traits and customs.

05.0211 Minorities in America

Minority Groups in the United States; Minorities; Minorities in United States History; Multi Ethnic Cultures; United States Cultures; American Intercultural Heritage; Minority People

racism; cultural behavior patterns; cultural identity; cultural equality

05.0221 Ethnic and Family Heritage

tracing family ethnic history; various field and literature research strategies

05.0231 Afro American Studies

Black Experience; Afro American Culture and History; Black Studies; Black History; American Black History

cultural heritage of the. Afro American; political development; arts; social change; national and local heritage study

05.0241 Economics of Afro Americans

economic development and problems; American Black culture

05.0251 Indians of North America

American Indian

vanished and existing native American cultures; history and present life style

05.0261 Jewish Historical Significance

study of Jewish cultural contributions, ancient to modern times; American Jewish culture

05.0271 Mexican American Heritage

Mexican American Studies

history and culture of the Chicano; contemporary social issues; occupational problems

05.0281 Hawaiiana

study of the Hawaiian people and culture; origins; ancient cultural groups

05.0291 Hawaiian Culture Studies, Modern

multicultural understanding emphasis; Hawaiian culture and student ethnic identities; social skill development; foreign student assistance

05.0200 Ethnic Studies, Other

05.99 **AREA AND ETHNIC STUDIES, OTHER.** A group of instructional programs in area and ethnic studies not described above.

05.9900 Area and Ethnic Studies, Other

06. BUSINESS AND MANAGEMENT. A summary of groups of instructional programs that describe the processes of purchasing, selling, producing, and interchanging of goods, commodities, and services in profit making and non-profit public and private institutions and agencies.

06.01 BUSINESS AND MANAGEMENT, GENERAL. A group of instructional programs that generally describe the processes of purchasing, selling, producing, and interchanging of goods, commodities, and services in profit making and non-profit public and private institutions and agencies.

06.0111 Business Introduction

Business, General; Business Survey; Business, Basic; Business Dynamics

money; banking; consumer purchasing; credit; business vocabulary; business practices

06.0121 Business Law

business agreement; negotiable instruments; debtor creditor relationship; insurance; consumer rights

06.0131 Business, Independent Study

business and management studies; independent projects

06.0141 Business Education, Cooperative

general business; management experiences; on the job education with related classroom instruction

06.0100 Business and Management, Other General

06.02 ACCOUNTING. A group of instructional programs that describes the principles, procedures, and theories of organizing, maintaining, and auditing business and financial transactions.

06.0200 Accounting, Other

06.03 BANKING AND FINANCE. A group of instructional programs that describe the financial management of industrial and commercial enterprises; of commercial, savings, and mortgage banking; and of investment analysis and portfolio selection.

06.0311 Financial Careers

accounting procedures; credit unions; savings banks; consumer finance; career opportunities

06.0300 Banking and Finance, Other

06.04 BUSINESS ADMINISTRATION AND MANAGEMENT. A group of instructional programs that describe the planning, organizing, and controlling of a business, including organizational and human aspects, with emphasis on various theories of management, the knowledge and understanding necessary for managing people and functions, and decision making.

06.0411 Business Organization and Management

Business Management; Business Leadership; Junior Executive Training

decision making; personnel selection; leadership abilities; speech preparation; personal development; community service

06.0400 Business Administration and Management, Other

06.05 BUSINESS ECONOMICS. A group of instructional programs that describe the principles and methods for organizing a business firm and for combining resources to produce goods and services, taking account of costs, profits, and the nature and extent of competition in markets.

06.0511 Business Economics

business principles; economic system; costs; market competition

06.0500 Business Economics, Other

06.06 HUMAN RESOURCES DEVELOPMENT. A group of instructional programs that describe the principles, methods, and techniques that are used to assess and meet the training and career development needs of employees.

06.0600 Human Resources Development, Other

06.07 INSTITUTIONAL MANAGEMENT. A group of instructional programs that describe the nature and application of management methods and techniques related to hotels and motels.

06.0711 Hotel and Motel Management

hotel operations; food sales; house keeping

06.0712 Hotel and Motel Training

occupational survey; tourist industry; front office operations; maintenance

06.0700 Institutional Management, Other

06.08 INSURANCE AND RISK MANAGEMENT. A group of instructional programs that describe risk analysis and personal and business insurance and their applications to life, disability, property, liability, and fiduciary trust and annuity underwriting.

06.0811 Insurance Careers

claims investigation; medical insurance; general insurance coverage; career opportunities

06.0800 Insurance and Risk Management, Other

06.09 INTERNATIONAL BUSINESS MANAGEMENT. A group of instrucional programs that describe the securities market, investment concepts, and the effects of economic business cycles on investments. Includes instruction in the study of stocks, mutual funds, bonds, unlisted and listed securities, and yield changes as they affect long-term holdings.

06.0900 International Business Management, Other

06.10 INVESTMENTS AND SECURITIES. A group of instructional programs that describe the securities market, investments concepts, and the effects of economic business cycles on investments. Includes instruction in the study of stocks, mutual funds, bonds, unlisted and listed securities, and yield changes as they affect long-term holdings.

06.1011 Investments and Taxation

Investing money; stocks and bonds; income tax laws; security analysis

06.1000 Investments and Securities, Other

06.11 LABOR INDUSTRIAL RELATIONS. A group of instructional programs that describe the history and development of the labor movement, including the analysis and interpretation of Federal and State legislation, union contracts, labor negotiation, conciliation, arbitration, and grievance procedures.

06.1100 Labor Industrial Relations, Other

06.12 MANAGEMENT INFORMATION SYSTEMS. A group of instructional programs that describe computer-based information systems that deal with business data and are generally characterized by logical patterns of clerical work flow from the point of original data gathering to completion of necessary reports and retrieval displays.

06.1200 Management Information Systems, Other

06.13 MANAGEMENT SCIENCE. A group of instructional programs that describe the application of mathematical and analytical techniques such as modeling, programming, forecasting, and analysis in the design, implementation, monitoring, and control of organizational processes and operations to determine their purpose and effectiveness, and means for attaining maximum efficiency.

06.1300 Management Science, Other

06.14 MARKETING MANAGEMENT AND RESEARCH. A group of instructional programs that describe the principles, practices, and concepts invovled in the performance of business activities which direct the transfer of goods and the acquisition of services from producer to consumer. Includes instruction in marketing functions and institutions; activities having to do with effecting change in ownership and possession of goods and services; and the study of applied economics relating to the creation of time, place, and possession utility.

06.1411 Marketing Management and Decision Making

Marketing Studies; Merchandising and Sales Management

marketing research methods; management techniques; customer psychology; business economics; marketing channels

06.1400 Marketing Management and Research, Other

06.15 ORGANIZATIONAL BEHAVIOR. A group of instructional programs that describe the behavior and motivations of individuals functioning in groups, the influence of styles of leadership that may be used by managers, and the means of intervention that may be used to improve interpersonal relations and team behavior.

06.1500 Organizational Behavior, Other

06.16 PERSONNEL MANAGEMENT. A group of instructional programs that describe the methods, principles, procedures, and understandings necessary to manage and administer programs that are directed to the welfare and working conditions of employees in a business or other organization.

06.1600 Personnel Management, Other

06.17 REAL ESTATE. A group of instructional programs that describe the theories and techniques of buying, selling, appraising, renting, managing, and leasing of real property.

06.1711 Real Estate Marketing

real estate; sales techniques; appraising, renting, managing, and leasing of real property

06.1700 Real Estate, Other

06.18 SMALL BUSINESS MANAGEMENT AND OWNERSHIP. A group of instructional programs that describe the managerial functions and ownership principles involved in operating a small business.

06.1811 Small Business Management

small business operations; management functions; ownership principles

06.1800 Small Business Management and Ownership, Other

06.19 TAXATION. A group of instructional programs that describes the principles, procedures, and regulations applicable to the maintenance of records and the preparation and filing of income tax returns for individuals, partnerships, corporations, and other types of organizations.

06.1900 Taxation, Other

06.20 TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT. A group of instructional programs that describe supervising and managing personnel engaged in construction, mechanical repair, manufacturing, transportation, or material moving.

06.2000 Trade and Industrial Supervision and Management, Other

06.99 BUSINESS AND MANAGEMENT, OTHER. A group of instructional programs in business and management not described above.

06.9900 Business and Management, Other

07. BUSINESS AND OFFICE. A summary of groups of instructional programs that prepare individuals for a variety of activities in planning, organizing, directing, and controlling all business office systems and procedures. Includes instruction in preparing, transcribing, systematizing, and preserving written communications and records; preparing and analyzing financial records; collecting accounts and receiving and disbursing money; gathering, processing and distributing information and mail; operating office machines and electronic data processing equipment; storing, distributing, and accounting for inventories of materials; operating telephone switchboards and delivering messages; and performing other business office duties.

07.01 ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS. A group of instructional programs that prepare individuals to systematize information about transactions and activities into accounts and quantitative records, verify accuracy of data by applying auditing principles, prepare budgets and financial reports, operate bookkeeping machines, and pay and receive money.

07.0111 Bookkeeping 1

Bookkeeping; Bookkeeping, Beginning

financial statements; basic accounting elements; bookkeeping principles

07.0112 Bookkeeping 2

Bookkeeping, Advanced

real world settings; financial management; corporate bookkeeping; advanced theory; partnership bookkeeping; cost accounting

07.0121 Accounting 1

Accounting; Clerical Accounting 1

basic accounting; accounting cycle; depreciation; accruals; accounting theory; debit and credit

07.0122 Accounting 2

Accounting, Advanced; Accounting Careers; Clerical Accounting 2

advanced accounting; business ownership; simulations; managerial accounting; partnership and corporate accounting; cost accounting

07.0131	Accounting, College college level accounting; executive training
07.0141	Bookkeeping and Accounting 1 accounting theory; accounting cycles; financial reporting
07.0142	Bookkeeping and Accounting 2 occupational competency; accounting; partnerships; corporations; combined course
07.0151	Recordkeeping 1 Recordkeeping; Recordkeeping, Clerical business records procedures; financial transactions; petty cash; purchase cycle; small businesses; customer billing and sales systems
07.0152	Recordkeeping 2 Recordkeeping Techniques, Specialized advanced business recordkeeping; journalizing; financial statements; payroll
07.0161	Office Machines Business Machines; Adding and Calculating Machines calculator operations; adding machines; electronic calculators; computational machines; transcription equipment; reprographic equipment
07.0162	Office Machines, Vocational adding and calculating machine operation; communications and transcription machines; simulation of office systems and procedures
07.0171	Business Mathematics 1 Business Arithmetic; Career Computation 1 interest computation; payroll; taxes; investments; discounts; commissions

07.0172 Business Mathematics 2

Career Computation 2

commercial applications; basic computational skills

07.0100 Accounting, Bookkeeping, and Related Programs, Other

07.02 BANKING AND RELATED FINANCIAL PROGRAMS. A group of instructional programs that prepare individuals to perform financial or banking services. Includes instruction in credit collection, transit routing of notes and drafts, receiving and paying out money, and functions associated with processing loans and insurance claims.

07.0211 Bank Teller

banking study; teller training; field experience

07.0221 Financial Mathematics

banking interest; discounting notes; stocks; bonds; insurance; basic computation

07.0231 Bank Proof Operator

encoding; scanning; listing; proof equipment operation

07.0200 Banking and Related Financial Programs, Other

07.03 BUSINESS DATA PROCESSING AND RELATED PROGRAMS. A group of instructional programs that prepare individuals to analyze and design data processing system configurations; write, test, monitor, debug, and maintain data processing programs; and operate computers and peripheral and data entry equipment.

07.0311 Computers in Business

Business Computer Concepts

survey course; business applications of computers; data processing principles; symbolic language

07.0321	Business Data Processing 1 introductory business applications; calculator operations; unit recording equipment; general data processing concepts; accounting systems
07.0322	Business Data Processing 2 business applications; business computer languages; computer operations; accounting systems
07.0331	Business Computer Programming 1 Business Computer Applications business programs; computer applications in business; programming to solve business problems
07.0332	Business Computer Programming 2 advanced business programs; typical business problems; additional programming languages
07.0341	Keypunch Operator keypunching; verifying; unit record equipment; coding
07.0351	Data Entry Operator Computer Operator data entry; verification; disc equipment
07.0361	Keyboarding alphabetic and numeric keyboarding using touch method
07.0300	Business Data Processing and Related Programs, Other

07.04 OFFICE SUPERVISION AND MANAGEMENT. A group of instructional programs that prepare individuals to supervise employees; budget, analyze, and coordinate clerical and other office activities; evaluate, organize, and/or revise office operations and procedures to establish uniformity in handling correspondence, records, and other materials; design various office layouts to facilitate maximum production and efficiency; evaluate employee records; and coordinate activities of clerical department and workers.

07.0411 Business English 1

Business Communications

oral expression; memoranda; business messages; handwriting; telephone usage

07.0412 Business English 2

business letters; memoranda; business messages; skills enhancement

07.0400 Office Supervision and Management, Other

07.05 PERSONNEL AND TRAINING PROGRAMS. A group of instructional programs that prepare individuals to undertake organizational and facilitating functions associated with personnel administration.

07.0500 Personnel and Training Programs, Other

07.06 SECRETARIAL AND RELATED PROGRAMS. A group of instructional programs that prepare individuals to record and transcribe communications and to provide administrative support.

07.0611 Shorthand 1

Stenography 1; Shorthand, Beginning

shorthand theory; shorthand fluency; new matter dictation; secretarial skills; introduction to transcription; text editing

07.0612 Shorthand 2

Stenography 2; Stenography, Advanced; Shorthand, Advanced

intensive dictation; shorthand technique; stenographer training; skill enhancement; transcription production; text editing

07.0621 Transcription

Dictation and Transcription; Transcription, Machine; Touch Shorthand; Machine Shorthand

transcription techniques; transcribing typist training; business documents

07.0631 Secretarial Administration 1

Secretarial Practice; Secretarial Procedures; Secretarial Office Practice; Secretarial Typewriting, Integrated; Secretarial Skills, Integrated

secretarial occupations; records management; human relations; general office workflow; advanced typewriting; etiquette; information processing; text editing

07.0632 Secretarial Administration 2

advanced shorthand and transcription skills; payroll; receptionist duties; personal employability skills; reprographics

07.0641 Word Processing 1

word processing equipment; memory typewriters; integrated typing projects; transcription and communication skills

07.0642 Word Processing 2

intensified work; word processing equipment; word processing center environment

07.0651 Reprographics

office reproduction; printing; camera-ready copy

07.0661 Legal Office Procedures

legal office worker; legal terminology; legal documents

07.0671 Medical Office Procedures

Medical Office Assisting

medical clerk typist; medical transcriptionist; insurance forms; patient assistance

07.0600 Secretarial and Related Programs, Other

07.07 TYPING, GENERAL OFFICE, AND RELATED PROGRAMS. A group of instructional programs that prepare individuals to record, duplicate, and retrieve data, including classifying, sorting, and filing correspondence, records, and other data. Includes instruction in shipping and receiving procedures, stock and inventory maintenance, and operation of office machines.

07.0711 Typewriting 1

Typewriting, Beginning; Typewriting, Business

touch method mastery; speed building; interoffice correspondence; stroking techniques; manuscripts; letters

07.0712 Typewriting 2

Typewriting, Advanced

business tasks; vocational typewriting; interoffice correspondence; typewriting production; business applications

07.0713 Typewriting 3

Typewriting, Executive; Typewriting, Career

speed and accuracy typewriting; business communications; efficient work habits; multiple copies

07.0721 Typewriting, Personal

touch typewriting; letters; reports; footnotes; personal use

07.0731 Office Procedures 1

Office Practice 1; Office Specialist 1; Office Skills, Integrated; Clerk Typist; Office Technology 1; Business Careers 1; Office Services 1; Clerk Typist 1

filing; transcribing machines; duplicating machines; job preparedness; office skill improvement; office machine operation; office systems

07.0732 Office Procedures 2

Office Practice 2; Office Career Occupations; Business Careers 2; Office Technology 2; Office Specialist 2; Clerk Typist 2

job simulation; mail clerk; cashier; receptionist; improved business skills; office systems

07.0733 Simulated Office

Model Office; Office Practice, Advanced; Business Experience, Simulated; Business Careers 3; Office Pool; Office Services, Advanced

advanced job training; model office; typing simulations; office etiquette; actual work flow

07.0741 Office Education 1, Cooperative

Clerical On The Job Training; Office Training, Vocational; Office Occupations Work Experience

on-site training with related classroom instruction; office employment; working world orientation; business settings

07.0742 Office Education 2, Cooperative

advanced on-site training; office employment; paid experience with related classroom instruction

07.0700 Typing, General Office, and Related Programs, Other

07.99 BUSINESS AND OFFICE, OTHER. A group of instructional programs in business and office not described above.

07.9900 Business and Office, Other

08. MARKETING AND DISTRIBUTION. A summary of groups of instructional programs that prepare individuals for occupations directed toward and incident to the flow of industrial and consumer goods in channels of trade, or the provision of services to consumers or users. These programs are concerned with marketing, sales, distribution, merchandising, and management, including ownership and management of enterprises engaged in marketing. Instructional programs prepare individuals to perform one or more of the marketing functions, such as selling, buying, pricing, promoting, financing, transporting, storing, market research, and marketing management. In addition, instructional programs include varying emphases on technical knowledge of products or services marketed, related communication and computation skills, and abilities and attitudes associated with human relations and private enterprise.

08.01 APPAREL AND ACCESSORIES MARKETING. A group of instructional programs that prepare individuals to perform marketing functions and tasks in retail establishments, wholesale establishments, and manufacturing firms primarily engaged in the marketing of clothing and related articles for personal wear and adornment.

08.0111 Fashion Merchandising

Influences on fashion; career opportunities; fashion shows; merchandising principles

08.0121 Fashion Design and Illustration

fashion advertising; magazine illustration; newspaper illustration

08.0100 Apparel and Accessories Marketing, Other

08.02 BUSINESS AND PERSONAL SERVICES MARKETING. A group of instructional programs that prepare individuals to perform marketing functions and tasks in two types of enterprises: those primarily engaged in providing services to businesses on a fee or contract basis (such as advertising agencies, publishing and broadcasting companies, display services, marketing research and consulting firms, protection agencies, building maintenance firms, and employment agencies), and those providing services to consumers (such as photography studios, barber and beauty shops, gymnasiums, funeral homes, home maintenance firms, pet care centers, and rental business other than vehicle). These programs place emphasis on the marketing activities involved in such enterprises and not on the development of manual or procedural skills that are required to perform a particular service or task. Includes instruction in preparing individuals to perform advertising and merchandise display functions as part of the operation of any enterprise.

08.0200 Business and Personal Services Marketing, Other

08.03 ENTREPRENEURSHIP. A group of instructional programs that prepare individuals to perform marketing and management functions and tasks associated with owning and operating a business.

08.0311 Starting Your Own Business

location selection; financing; marketing; management

08.0321 Junior Achievement

study of American enterprise system; small business operation; management skill development

08.0300 Entrepreneurship, Other

08.04 FINANCIAL SERVICES MARKETING. A group of instructional programs that prepare individuals to perform marketing functions and tasks, in financial institutions such as commercial banks, savings and loan associations, credit agencies, credit unions, consumer-finance companies, collection agencies, security and commodity brokerages, and credit departments of business enterprises.

08.0400 Financial Services Marketing, Other

08.05 FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING. A group of instructional programs that prepare individuals to perform marketing functions and tasks in retail, wholesale, and manufacturing establishments; and with growers dealing with live plants, cut flowers, floral arrangements, artificial flowers and plants, garden supplies, equipment, and related items; and seed, fertilizers, and other supplies for farm production.

08.0511 Floral Sales

floral arrangements; retail florist shop; garden center operations; wedding preparations

08.0500 Floristry, Farm and Garden Supplies Marketing, Other

08.06 FOOD MARKETING. A group of instructional programs that prepare individuals to perform marketing functions and tasks in retail and wholesale establishments, and in food processing and manufacturing firms that deal primarily with food and beverage products

08.0600 Food Marketing, Other

08.07 GENERAL MARKETING. A group of instructional programs that prepare individuals to perform marketing and management functions and tasks that can be applied broadly in any marketing environment. Principles, practices, and procedures are taught without particular identification with a specific kind of enterprise, product, or service. Extensive knowledge of a trade, product, or service area may have been already acquired by persons enrolled, either by prior training or employment experience; others may desire marketing skills for application in any enterprise or subsequent specialized training in marketing. The focus for these instructional programs may be on institutions of marketing, on specific marketing functions, or on unique kinds of marketing activity.

08.0711 Distributive Education 1

Sales and Marketing; Retailing and Merchandising; Distribution and Marketing; Distribution 1; Marketing and Distribution 1; Merchandising 1

basic marketing; store location; display; merchandising; product information

08.0712 Distributive Education 2

Distribution 2; Marketing and Distribution 2; Merchandising 2

advanced marketing; marketing process control; specialized marketing; distribution economics; pricing merchandise

08.0713 Distributive Education 3

merchandising; human relations; service technology; leadership skills

08.0721 Distributive Education 1, Cooperative

Store Experience; Marketing Occupational Experience

cooperative training; retail store employment; marketing competencies

08.0722 Distributive Education 2, Cooperative

continued on-the-job training; leadership development; distribution economics; advanced sales

08.0731 Salesmanship

marketing careers; in-depth studies; sales promotion techniques; sales personality; sales personnel

08.0741 Retail Learning Laboratory

school store operations; selling; stockkeeping; sales promotion

08.0751 Cashier Checker Training

cash register procedure; scale use; shoplifting prevention; customer relations

08.0761 Warehousing Industrial and Wholesale Material Handling

wholesale establishments; business sales; factory sales; warehouse operations

08.0771 Distributive Education, Independent Study

advanced distributive training; independent work

08.0700 General Marketing, Other

08.08 HOME AND OFFICE PRODUCTS MARKETING. A group of instructional programs that prepare individuals to perform marketing functions and tasks in retail establishments, wholesale establishments, and manufacturing firms dealing with hardware and building material products and equipment primarily used for furnishing and maintaining the home; or products, equipment, and supplies used in public and private business office operations.

08.0800 Home and Office Products Marketing, Other

08.09 HOSPITALITY AND RECREATION MARKETING. A group of instructional programs that prepare individuals to perform marketing and management functions and tasks in any business enterprise primarily engaged in satisfying the desire of people to make productive or enjoyable use of leisure time. The hospitality industry includes lodging services and related convention services, and food and beverage services. Recreation includes products and services related to entertainment, sports, hobbies, and cultural activities.

08.0900 Hospitality and Recreation Marketing, Other

08.10 INSURANCE MARKETING. A group of instructional programs that prepare individuals to perform marketing functions and tasks related to the sale and placement of insurance contracts with carriers.

08.1000 Insurance Marketing, Other

08.11 TRANSPORTATION AND TRAVEL MARKETING. A group of instructional programs that prepare individuals to perform marketing and management functions and tasks in enterprises engaged in passenger and freight transportation, travel services, warehousing, and other services incidental to transportation, storage, travel, or tourism.

08.1111 Tourism Services

traveling public; travel information; agency management

08.1100 Transportation and Travel Marketing, Other

08.12 VEHICLES AND PETROLEUM MARKETING. A group of instructional programs that prepare individuals to perform marketing and management functions and tasks in retail or wholesale establishments engaged in the distribution of petroleum products, or in retail, wholesale, manufacturing, and service establishments engaged in the marketing of cars, vans, trucks, mobile units, boats, other recreational vehicles, tractors, and other farm vehicles and implements, as well as related parts, accessories, equipment, and services.

08.1211 Auto Parts Merchandising

auto parts marketing

08.1221 Automotive Professional Training

Automotive Service Station Operation

service station management; service station operations; auto maintenance

08.1200 Vehicles and Petroleum Marketing, Other

08.99 MARKETING AND DISTRIBUTION, OTHER. A group of instructional programs in marketing and distribution not described above.

08.9900 Marketing and Distribution, Other

09. COMMUNICATIONS. A summary of groups of instructional programs that describe the creation, transmission, and evaluation of messages.

09.01 COMMUNICATIONS, GENERAL. A group of instruction programs that generally describe the creation, transmission, and evaluation of messages.

09.0111 Mass Media

Channels of Communication; Media Communications; Media and Persuasion; Media in Society; Media and Critical Thinking

media awareness; communication theory; critical skill development; major media components; media history; communications psychology

09.0100 Communications, Other General

09.02 ADVERTISING. A group of instructional programs that describe the creation, execution, transmission, and evaluation of commercial messages concerned with the promotion and sale of products and services.

09.0211 Advertising

advertising skills; media selection; package design; layout; marketing strategies

09.0200 Advertising, Other

09.03 COMMUNICATIONS RESEARCH. A group of instructional programs that describe the research methods and techniques by which the creation, transmission, and evaluation of messages can be facilitated.

09.0300 Communications Research, Other

09.04 JOURNALISM (MASS COMMUNICATIONS). A group of instructional programs that describe the principles and methods of gathering, processing, evaluating, and disseminating through mass media, information about current events and issues.

09.0411 Journalism 1

Newspaper Production 1; Newswriting 1; Writing for Publication

newspaper study; newspaper production; news information gathering; proofreading; journalistic writing

09.0412 Journalism 2

Newspaper Production 2; Journalism Lab; Newswriting 2

advanced newspaper work; laboratory course; layout; in-depth editing; publishing finance

09.0413 Journalism 3

Newspaper Production 3

school newspaper management; advanced journalism

09.0421 Journalism Investigations

independent study; advanced journalism

09.0431 Literary Magazine

advanced writing techniques; literary magazine publishing

09.0441 Yearbook Production 1

Publications 1

producing a publication; format; layout; photographs; yearbook design

09.0442 Yearbook Production 2

Publications 2

senior staff positions; financial management; yearbook publication

09.0400 Journalism (Mass Communications), Other

09.05 PUBLIC RELATIONS. A group of instructional programs that describe the methods and techniques by which the public can be induced to have understanding for and goodwill towards a person, firm, or institution.

09.0500 Public Relations, Other

09.06 RADIO/TELEVISION NEWS BROADCAST. A group of instrucitonal programs that describe the methods and techniques by which radio and television news programs are produced and broadcasted.

09.0611 Broadcast Journalism

Television News

script preparation; voice and diction

09.0600 Radio/Television News Broadcast, Other

09.07 RADIO/TELEVISION, GENERAL. A group of instructional programs that describe the methods and techniques used to produce and broadcast programs on radio and television.

09.0711 Broadcasting, Introduction

radio; television; broadcast history; terminology; advertising; production fundamentals

09.0721 Television and Taste

Radio and Television Appreciation

critical television viewing; program analysis; television viewing habits; radio broadcast criticism

09.0700 Radio/Television, Other General

09.99 COMMUNICATIONS, OTHER. A group of instructional programs in communications not described above.

09.9900 Communications, Other

10. COMMUNICATION TECHNOLOGIES. A summary of groups of instrucional programs that prepare individuals to support and assist communication professionals and skilled communication workers. Programs stress specialized, practical knowledge related to the mechanical, scientific, or technical aspects of communications.

10.01 COMMUNICATION TECHNOLOGIES. A group of instructional programs that prepare individuals to support and assist communication professionals and skilled communication workers. Programs stress specialized, practical knowledge related to the mechanical, scientific, or technical aspects of communications.

10.0111 World of Communications

survey course; communications careers; communication skills; development; visual communications; print communications

10.0121 Communications Media Production

Audio Visuals; Media Production Aide

slide preparation; audio tape production; video programs production; multimedia technology; AV department assistance

10.0131 Photography, Commercial

Photojournalism

professional photography; film processing; enlarging; advertising applications; color printing

10.0132 Photography, Advanced Commercial

advanced course; professional photography

10.0141 Broadcast Management 1

radio broadcasting procedures and practices; promotion; programming; engineering

10.0142 Broadcast Management 2

advanced broadcasting activities; direct program production; quality control

10.0143 Broadcasting Practicum

Independent study; on-site production experience; radio broadcasting

10.0151 Film Making and Production 1

Cinematography; Filming and Staging; Film Technology

film techniques; filmmaking projects; events filming; animation

10.0152 Film Making and Production 2

Independent work; sound; special effects; hands-on experience; advanced film making

10.0161 Radio Production

radio broadcast equipment operation; program production; FCC license study; scripting; music selection

10.0171 Television Production 1

Television Occupations; Videotape Production; Telecommunications 1

vocational course; video and audio equipment operation; video tape development; set design; script writing; lighting, production process and procedures

10.0172 Television Production 2

Telecommunications 2

production skills enhancement; regularly scheduled programming

10.0181 Cable Television

cable television technology; broadcasting; cable installation

10.0100 Communication Technologies, Other

11. COMPUTER AND INFORMATION SCIENCES. A summary of groups of instructional programs that describe the coding, processing, and storage of data through repetitious and highly complex mathematical operations at high speed, and in accordance with strictly defined systems and procedures.

11.01 COMPUTER AND INFORMATION SCIENCES, GENERAL. A group of instructional programs that generally describe the coding, processing, and storage of data through repetitious and highly complex mathematical operations at high speed, and in accordance with strictly defined systems and procedures.

11.0111 Computer Appreciation

Computer Literacy; Computers, Introduction

survey course; non-technical presentations; social implications of computers; computer familiarization

11.0121 Computer Mathematics 1

Computer Problem Solving; Mathematics and Computing

simple calculators; flow charts; elementary programming; mathematical applications

11.0122 Computer Mathematics 2

history of calculating; desk calculators; programming languages; complex computer procedures

11.0131 Computer Applications

emphasis on developing useable software; team approach

11.0132 Computer Applications, Independent Study

advanced independent work; computer science

11.0141 Computer Science, Advanced Placement

college level work; computer components

11.0100 Computer and Information Sciences, Other General

11.02 COMPUTER PROGRAMMING. A group of instructional programs that describe the methods and procedures used in flow charting and writing instructions in computer language for the direction of computer operation in the solution of a problem.

11.0211 Computer Programming 1

flow charts; algorithms; computer languages; machine operation; documentation

11.0212 Computer Programming 2

advanced programming techniques; independent study; program origination; algorithms

11.0221 FORTRAN, Introduction

study of FORTRAN computer programming; mathematics applications

11.0231 PASCAL, Introduction

study of PASCAL computer programming

11.0241 BASIC, Introduction

study of BASIC computer programming

11.0251 COBOL, Introduction

study of COBOL computer programming

11.0200 Computer Programming, Other

11.03 DATA PROCESSING. A group of instructional programs that describe computers and computer programming.

11.0311 Data Processing, Introduction

Data Processing Systems and Procedures; Computer Concepts; Data Processing; Electronic Data Processing; Data Systems 1

code fields; numeric and alphabetic sorting; keypunching; flowcharting; collating

11.0312 Data Processing, Intermediate

Data Processing 2

computer system components; computer operations; data management; data entry operator

11.0313 Data Processing, Advanced

existing program modification; advanced topics

11.0300 Data Processing, Other

11.04 INFORMATION SCIENCES AND SYSTEMS. A group of instructional programs that describe the methods for creating, organizing, storing, and accessing organized files of information.

11.0400 Information Sciences and Systems, Other

11.05 SYSTEMS ANALYSIS. A group of instructional programs that describe the principles and techniques involved in the design of large-scale computer programs. Includes instruction in modeling, flow charting, data organization, and the impact of the programs on organizational objectives.

11.0500 Systems Analysis, Other

11.99 COMPUTER AND INFORMATION SCIENCES, OTHER. A group of instructional programs in computer and information sciences not described above.

11.9900 Computer and Information Sciences, Other

12. CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES. A summary of groups of Instructional programs that prepare Individuals to provide a variety of services to Individual consumers as well as to organizationa such as businesses and industries.

12.01 DRYCLEARNING AND LAUNDERING SERVICES. A group of Instructional programs that prepare Individuals to operate and manage drycleaning and laundering plants.

12.0111 Dry Cleaning

study of cleaning procedures, methods and materials

12.0100 Drycleaning and Laundering Services, Other

12.02 ENTERTAINMENT SERVICES. A group of Instructional programs that prepare Individuals to perform a variety of services related to the sale of food, beverages, and entertainment.

12.0211 Sports Officiating

sports events officiating; game rules and procedures

12.0200 Entertainment Services, Other

12.03 FUNERAL SERVICES. A group of Instructional programs that prepare Individuals to perform sanitary and embalming preparations for interment, in conformity with legal requirements. Includes Instruction in human physiology and anatomy, with particular emphasis on the circulatory system; the underlying chemistry and application of embalming compounds and products; the procedures, techniques, and methods used in embalming and preparation for interment, with special emphasis on sanitation and on potential pathological hazards and precautions; and the materials and techniques of applied cosmetology used in preparation for interment.

12.0300 Funeral Services, Other

12.04 PERSONAL SERVICES. A group of Instructional programs that prepare Individuals to render a variety of personal services.

12.0411 Cosmetology

Creative Coiffure and Shaping and Conditioning Hair; Care of the Nails and Skin

license preparation; hair care, styling, shaping, permanent waving; hair coloring; facials, makeup

12.0412 Cosmetology 2

Wigology and the Professional Business of Cosmetology; Cosmetology, Advanced

preparation for cosmetology state board examination; electrical facials

12.0413 Cosmetology 3

hair care; facials; makeup

12.0421 Barbering 1

fundamental skills of cutting hair; anatomy and physiology basics; barbershop simulation

12.0422 Barbering 2

skill development; sanitation; scalp treatments; shop management

12.0423 Barbering 3

skill reinforcement; examination preparation; on-the-job training

12.0431 Personal Services Occupations

personal services; general career preparation, barbering; massage

12.0400 Personal Services, Other

12.99 CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER. A group of instructional programs in consumer, personal, and miscellaneous services not described above.

12.9900 Consumer, Personal, and Miscellaneous Services, Other

13. EDUCATION

- 13.01 EDUCATION, GENERAL
  - 13.0100 Education, Other General
- 13.02 BILINGUAL/BICULTURAL EDUCATION
  - 13.0200 Bilingual/Bicultural Education, Other
- 13.03 CURRICULUM AND INSTRUCTION
  - 13.0300 Curriculum and Instruction, Other
- 13.04 EDUCATION ADMINISTRATION
  - 13.0400 Education Administration, Other
- 13.05 EDUCATIONAL MEDIA
  - 13.0500 Educational Media, Other
- 13.06 EVALUATION AND RESEARCH
  - 13.0600 Evaluation and Research, Other
- 13.07 INTERNATIONAL AND COMPARATIVE EDUCATION
  - 13.0700 International and Comparative Education, Other
- 13.08 SCHOOL PSYCHOLOGY
  - 13.0800 School Psychology, Other
- 13.09 SOCIAL FOUNDATIONS
  - 13.0900 Social Foundations, Other

13.10 SPECIAL EDUCATION

- 13.1000 Special Education, Other

13.11 STUDENT COUNSELING AND PERSONNEL SERVICES

- 13.1100 Student Counseling and Personnel Services, Other

13.12 TEACHER EDUCATION, GENERAL PROGRAMS

- 13.1200 Teacher Education, General Programs, Other

13.13 TEACHER EDUCATION, SPECIFIC SUBJECT AREAS

- 13.1300 Teacher Education, Specific Subject Areas, Other

13.14 TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE

- 13.1400 Teaching English as a Second Language/Foreign Language, Other

13.99 EDUCATION, OTHER

- 13.9900 Education, Other

14. ENGINEERING

14.01 ENGINEERING, GENERAL

14.0100 Engineering, Other General

14.02 AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL

14.0200 Aerospace, Aeronautical, and Astronautical, Other

14.03 AGRICULTURAL ENGINEERING

14.0300 Agricultural Engineering, Other

14.04 ARCHITECTURAL ENGINEERING

14.0400 Architectural Engineering, Other

14.05 BIOENGINEERING AND BIOMEDICAL ENGINEERING

14.0500 Bioengineering and Biomedical Engineering, Other

14.06 CERAMIC ENGINEERING

14.0600 Ceramic Engineering, Other

14.07 CHEMICAL ENGINEERING

14.0700 Chemical Engineering, Other

14.08 CIVIL ENGINEERING

14.0800 Civil Engineering, Other

14.09 COMPUTER ENGINEERING

14.0900 Computer Engineering, Other

14.10 ELECTRICAL, ELECTRONICS, AND COMMUNICATIONS

14.1000 Electrical, Electronics, and Communications, Other

14.11 ENGINEERING MECHANICS

14.1100 Engineering Mechanics, Other

14.12 ENGINEERING PHYSICS

14.1200 Engineering Physics, Other

14.13 ENGINEERING SCIENCE

14.1300 Engineering Science, Other

14.14 ENVIRONMENTAL HEALTH ENGINEERING

14.1400 Environmental Health Engineering, Other

14.15 GEOLOGICAL ENGINEERING

14.1500 Geological Engineering, Other

14.16 GEOPHYSICAL ENGINEERING

14.1600 Geophysical Engineering, Other

14.17 INDUSTRIAL ENGINEERING

14.1700 Industrial Engineering, Other

14.18 MATERIALS ENGINEERING

14.1800 Materials Engineering, Other

14.19 MECHANICAL ENGINEERING

  14.1900 Mechanical Engineering, Other

14.20 METALLURGICAL ENGINEERING

  14.2000 Metallurgical Engineering, Other

14.21 MINING AND MINERAL ENGINEERING

  14.2100 Mining and Mineral Engineering, Other

14.22 NAVAL ARCHITECTURE AND MARINE ENGINEERING

  14.2200 Naval Architecture and Marine Engineering, Other

14.23 NUCLEAR ENGINEERING

  14.2300 Nuclear Engineering, Other

14.24 OCEAN ENGINEERING

  14.2400 Ocean Engineering, Other

14.25 PETROLEUM ENGINEERING

  14.2500 Petroleum Engineering, Other

14.26 SURVEYING AND MAPPING SCIENCES

  14.2600 Surveying and Mapping Sciences, Other

14.27 SYSTEMS ENGINEERING

  14.2700 Systems Engineering, Other

14.28 TEXTILE ENGINEERING

- 14.2800 Textile Engineering, Other

14.99 ENGINEERING, OTHER

- 14.9900 Engineering, Other

15. ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES. A summary of groups of instructional programs that prepare individuals to support and assist engineers and other professionals. Programs stress specialized, practical knowledge related to the mathematical, scientific, or technical aspects of engineering and related sciences.

15.01 ARCHITECTURAL TECHNOLOGIES. A group of instructional programs that prepare individuals to support and assist architects and architectural engineers. Programs stress specialized, practical knowledge related to the mathematical, scientific or technical aspects of architecture and architectural engineering.

15.0100 Architectural Technologies, Other

15.02 CIVIL TECHNOLOGIES. A group of instructional programs that prepare individuals to support and assist civil engineers and urban planners. Programs stress specialized, practical knowledge related to the mathematical, scientific, or technical aspects of civil engineering and urban planning.

15.0211 Surveying

property boundaries; surveying instruments; survey data display; applied mathematics; use of drafting equipment

15.0200 Civil Technologies, Other

15.03 ELECTRICAL AND ELECTRONIC TECHNOLOGIES. A group of instructional programs that prepare individuals to support and assist electrical and electronic engineers, and other engineers and scientists concerned with the development of lasers. Programs stress specialized, practical knowledge related to the mechanical, mathematical, scientific, or technical aspects of electrical engineering, electronic engineering, and laser development.

15.0311 Audio Electronics

electronic amplification; radio waves; test equipment; installation and calibration of antennas; transmitting equipment

15.0321 Electrical Technology

testing of electrical circuits, devices, and systems; development of corrective and preventive maintenance techniques

15.0331 Electronic Technology 1

dc electronics; ac electronics; semi-conductor devices; basic electronic circuits; testing and installation of components

15.0332 Electronic Technology 2

solid state electronics; micro-miniature circuitry; communication devices; servicing and building units from components

15.0300 Electrical and Electronic Technologies, Other

15.04 ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES. A group of instructional programs that prepare individuals either to support or assist mechanical and electrical engineers, or to install and service electromechanical equipment. Programs stress specialized, practical knowledge related to the mechanical, mathematical, scientific, or technical aspects of mechanical and electrical engineering, biomedical engineering, computer science, and instrumentation design.

15.0411 Electromechanical Technology

design and development of electromechanical devices and systems; plant automation; automation control systems; servomechanisms

15.0421 Instrumentation Technology

design, development and repair of electrical, electronic, mechanical, pneumatic and hydraulic instruments

15.0400 Electromechanical Instrumentation and Maintenance Technologies, Other

15.05 ENVIRONMENTAL CONTROL TECHNOLOGIES. A group of instructional programs that prepare individuals to assist in controlling either the internal temperature of commercial and industrial buildings, or the levels of toxicity of industrial wastes.

15.0511 Environmental Control Technologies

application of scientific principles to temperature and humidity control; design of heating and cooling systems; pollution and corrosion control

15.0500 Environmental Control Technologies, Other

15.06 INDUSTRIAL PRODUCTION TECHNOLOGIES. A group of instructional programs that prepare individuals to supervise industrial processes or to support engineers, scientists, and other professionals who are employed by industry. Programs describe the mechanical, scientific, or technical aspects of a variety of industries, including chemical manufacturing, food processing, forest products, marine products, plastics, and textiles.

15.0611 Industrial Production Technology

production and planning of machinery and equipment; work flow; production cost analysis

15.0621 Chemical Manufacturing Technology

general and organic chemistry; material handling; extraction, distillation, evaporating, drying; heat transfer in chemicals

15.0631 Optics Technology

prisms and lenses; grinding, polishing, cementing; inspecting, testing, adjusting

15.0600 Industrial Production Technologies, Other

15.07 QUALITY CONTROL AND SAFETY TECHNIQUES. A group of instructional programs that prepare individuals to support a variety of engineers and industrial managers. Programs describe the mechanical, scientific, or technical aspects of industrial production, occupational health, and quality control.

15.0711 Quality Control Technology

testing; inspection; statistical sampling; quality control organization; technical report preparation

15.0700 Quality Control and Safety Technologies, Other

15.08 MECHANICAL AND RELATED TECHNOLOGIES. A group of instructional programs that prepare individuals to support and assist a variety of engineering professionals, including aeronautical, agricultural, automotive, mechanical, electrical and electronic, architectural, chemical, civil, mining, and petroleum engineers. Programs describe the mathematical, mechanical, scientific, and technical aspects of these engineering specialties.

15.0800 Mechancial and Related Technologies, Other

15.09 MINING AND PETROLEUM TECHNOLOGIES. A group of instructional programs that prepare individuals to support and assist mining and petroleum engineers and managers. Programs stress specialized, practical knowledge related to the mechanical, scientific, or technical aspects of mining and petroleum engineering.

15.0911 Mining Technology

mining processes; mining operations; mine waste disposal; reclaiming mined areas; mine output analysis

15.0921 Petroleum Technology

seismic testing; test wells; analyzing cores; charting oil fields; oil delivery

15.0900 Mining and Petroleum Technologies, Other

15.99 ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER. A group of instructional programs in engineering and engineering-related technologies not described above.

15.9900 Engineering and Engineering-Related Technologies, Other

16. FOREIGN LANGUAGES. A summary of groups of instructional programs that describe the structure and use of language that is common of indigenonous to people of the same community or nation, the same geographical area, or the same cultural traditions; including such features as sounds, literature, syntax, phonology, morphology, semantics, sentences, prose and verse, as well as the development of skills and attitudes used in communicating and evaluating throughts and feelings through oral and written language.

16.01 FOREIGN LANGUAGES, MULTIPLE EMPHASIS. A group of instructional programs that describe the language, literature, and culture of more than one specific group of people.

16.0111 Foreign Language, Exploratory

language; culture; multiple groups

16.0121 English as a Second Language 1

TESOL, Beginning

basic English structure; limited vocabulary; English sounds; oral expression; American student life

16.0122 English as a Second Language 2

TESOL, Intermediate

study of English language skills; increase language control; cultural information; composition skills

16.0123 English as a Second Language 3

TESOL, Advanced

greater English language ability; reading; composition; vocabulary building; role playing; American culture

16.0124 English as a Second Language, Skills Lab

individualized instruction; non-native English speakers; skill building

16.0100 Foreign Languages, Multiple Emphasis, Other

16.02 AFRICAN (NON-SEMITIC) LANGUAGES. A group of instructional programs that describe the language, literature, and culture of non-Semitic African people; languages such as Ibo, Swahili, and Yoruba are included in this category.

16.0211 Swahili 1

language, culture; vocabulary building; grammar and pronunciation

16.0212 Swahili 2

language, culture; readings and conversational practice

16.0200 African (Non-Semitic) Languages, Other

16.03 ASIATIC LANGUAGES. A group of instructional programs that describe the language, literature, and culture of Asiatic peoples; languages such as Cantonese, Mandarin, Japanese, Korean, Malay, and Japanese are included in this category.

16.0311 Cantonese 1

language, culture; vocabulary building; grammar and pronunciation

16.0312 Cantonese 2

language, culture; readings and conversational practice

16.0313 Cantonese 3

oral practice; conversational Cantonese; written reports

16.0321 Mandarin 1

language, culture; vocabulary building; grammar and pronunciation

16.0322 Mandarin 2

language, literature and culture; readings and conversational practice

16.0323 Mandarin 3

oral practice; conversational Mandarin; written reports

16.0324 Mandarin 4

language, literature and culture

16.0325	Mandarin 5 language, literature and culture
16.0331	Japanese 1 language, culture, vocabulary building; grammar and pronunciation
16.0332	Japanese 2 language, literature and culture; reading and conversational practice
16.0333	Japanese 3 oral practice; conversational Japanese; written reports
16.0334	Japanese 4 language, literature and culture
16.0335	Japanese 5 language, literature and culture
16.0341	Hawaiian 1 listening and pronunciation; vocabulary; simple writing exercises
16.0342	Hawaiian 2 oral drills; sentence construction; immersion approach; memorization
16.0343	Hawaiian 3 skill development; popular Hawaiian legends; cultural study
16.0344	Hawaiian 4 class conducted in Hawaiian; complex conversations

16.0345 Hawaiian Language and Culture

familiarization with Hawaiian language; nonrigorous approach; conversational emphasis; cultural studies

16.0351 Korean 1

language, culture, vocabulary building; grammar and pronunciation

16.0352 Korean 2

language, literature and culture; reading and conversational practice

16.0353 Korean 3

oral practice; conversational Korean; written reports

16.0354 Korean 4

language, literature and culture

16.0355 Korean 5

language, literature and culture

16.0300 Asiatic Languages, Other

16.04 BALTO-SLAVIC LANGUAGES. A group of instructional programs that describe the language, literature, and culture of Baltic and Slavic people; languages such as Latvian, Lithuanian, Russian, Polish, Belorussian, Czech, Serbo-Croatian, and Ukranian are included in this category.

16.0411 Ukrainian 1

language, culture; vocabulary building; grammar and pronunciation

16.0421 Russian 1

study of Russian alphabet and pronunciation system; vocabulary; grammar; culture; reading

16.0422 Russian 2

oral and written practice; readings and conversational practice; business and trade journals

16.0423 Russian 3

famous Russian authors; discussions in Russian; letter writing to Soviet businesses; reports written in Russian

16.0424 Russian 4

reading and discussion of historical events; letters to businesses in the USSR

16.0425 Russian 5

reading and discussion; advanced Russian

16.0426 Russian 6

reading and discussion; advanced Russian

16.0427 Foreign Language Contract, Russian

contract for independent study

16.0431 Czech 1

language, culture; vocabulary building; grammar and pronunciation

16.0432 Czech 2

language, literature and culture; readings and conversational practice

16.0433 Czech 3

oral practice; conversational Czech; written reports

16.0441 Polish 1

language, culture; vocabulary building; grammar and pronunciation

16.0442 Polish 2

language, literature and culture; readings and conversational practice

16.0443 Polish 3

oral practice; conversational Polish; written reports

16.0444 Polish 4

language, literature and culture

16.0400 Balto-Slavic Languages, Other

16.05 GERMANIC LANGUAGES. A group of instructional programs that describe the language, literature, and culture of people whose native language belongs to the Germanic branch of Indo-European languages; languages such as German, Norwegian, Swedish, Danish, and Yiddish are included in this category.

16.0511 German 7

German for Survival

vocabulary; grammar; culture study; dialogues

16.0512 German 8

vocabulary; grammar; culture study; composition; dialogues

16.0513 German 1

German 9

vocabulary; grammar; culture study; dialogues

16.0514 German 2

German 10

vocabulary; grammar; culture study; composition and literature

16.0515 German 3

German 11

vocabulary; grammar; culture study; composition and literature; comparison of German and American life styles; current affairs discussion

16.0516 German 4

German 12

literature, essays, conversation; culture study; vocabulary

16.0517 German, Advanced Placement

German 5

study for C.E.E.B. test; advanced composition; scientific German; grammar review

16.0518 German Field-Based Experience

German, Reading and Conference

field-based experience

16.0519 Foreign Language Contract, German

German, Independent Study

contract for independent study

16.0521 Norwegian 1

Norse 1

language, culture; vocabulary building; grammar and pronunciation

16.0522 Norwegian 2

Norse 2

language, literature and culture; readings and conversational practice

16.0531 Swedish 1

language, culture; vocabulary building; grammar and punctuation

16.0532 Swedish 2

language, literature and culture; reading and conversational practice

16.0533 Swedish 3

oral practice; conversational Swedish; written reports

16.0541 Yiddish 1

language, culture; vocabulary building; grammar and pronunciation

16.0542 Yiddish 2

language, literature and culture; reading and conversational practice

16.0543 Yiddish 3

oral practice; conversational Yiddish; written reports

16.0500 Germanic Languages, Other

16.06 GREEK. A group of instructional programs that describe the language, literature, and culture of Greek-speaking peoples.

16.0611 Modern Greek for Survival

recognition of Greek alphabet; travel information, money exchange; phrase books

16.0621 Modern Greek 1

listening; speaking; reading; writing Greek

16.0600 Greek, Other

16.07 INDIC LANGUAGES. A group of instructional programs that describe the language, literature, and culture of people whose native language belongs to the Indic branch of Indo-European languages; languages such as Hindi, Sanskrit, Urdu, Bengali, and Panjabi are included in this category.

16.0700 Indic Languages, Other

16.08 IRANIAN LANGUAGES. A group of instructional programs that describe the language, literature, and culture of Iranian peoples; languages such as Persian and Pashto are included in this category.

16.0800 Iranian Languages, Other

16.09 ITALIC LANGUAGES. A group of instructional programs that describe the language, literature, and culture of people whose native language belongs to the Italic branch of Indo-European languages; languages such as French, Italian, Latin, Portuguese, and Spanish are included in this category.

16.0901 French 7

basic vocabulary; grammar; culture study; reading; audio lingual approach

16.0902 French 8

vocabulary; grammar; culture study; drill

16.0903 French 1

French 9

vocabulary; grammar; culture study; dialogues

16.0904 French 2

French 10

vocabulary; grammar; culture study; French family life and customs

16.0905 French 3

French 11

vocabulary; grammar; culture study; composition and literature; conversations

16.0906 French 4

French 12

literature; written essays; conversation; culture, geography study; listening and speaking; reading and writing dialogues

16.0907 French, Advanced Placement

French 5

study for C.E.E.B. test; reading of the classics

16.0908 French Field-Based Experience

French Seminar; French Reading and Conference; French for Travelers

field-based experience; French for use in travel

16.0909 Foreign Language Contract, French

contract for independent study

16.0910 French, Conversational

practical speaking of French

16.0911 Italian 7

basic vocabulary; grammar; culture study

16.0912 Italian 8

vocabulary; grammar; culture study

16.0913 Italian 1

Italian 9

vocabulary; grammar; culture study; dialogues; conversation

16.0914 Italian 2

Italian 10

vocabulary; grammar; culture study; composition and literature; Italian and American cultural differences

16.0915 Italian 3

Italian 11

vocabulary; grammar; culture study; composition and literature; Italian opera; conversations

16.0916 Italian 4

Italian 12

literature; essays; conversation

16.0917 Italian, Advanced Placement

Italian 5

study for C.E.E.B. test

16.0918 Italian Field-Based Experience

field-based experience

16.0919 Foreign Language Contract, Italian

contract for independent study

16.0920 Latin 1

Latin 9; Latin Graffiti for Anybody

classical Latin structure; prefixes, suffixes, root words; Virgil and Livy; legendary Rome; comparisons of Roman and American life; Greek and Roman culture

16.0921 Latin 2

Latin 10

grammar and syntax; Caesar; culture; classics in the original; comparison of Roman and American institutions

16.0922 Latin 3

Latin 11

study of Pliny, Cicero; Latin constructions and form; political, economic, social activities; Greek and Roman life

16.0923 Latin 4

Latin 12

literature; culture; Ovid, Catullus, Horace; Virgil's Aeneid

16.0924 Latin, Advanced Placement

Latin 5

biographies; discussion; written and oral reports; Advanced Placement Test preparation

16.0925 Foreign Language Contract, Latin

contract for independent study

16.0926 Portuguese 1

oral and written skills; culture; history

16.0927 Portuguese 2

grammar study, vocabulary, oral and written skills

16.0928 Portuguese 3

language practice; vocabulary; composition; literature

16.0929 Portuguese 4

literature; essays; conversation

16.0930 Portuguese 5

language, literature and culture

16.0931 Spanish 7

Spanish for Survival

basic vocabulary; grammar; culture study; travel information, money exchange; phrase books; oral skills

16.0932 Spanish 8

vocabulary; grammar; culture study; time, weather, greetings

16.0933 Spanish 1

Spanish 9; Spanish, Beginning

vocabulary; grammar; culture study; dialogues

16.0934 Spanish 2

Spanish 10

vocabulary; grammar; culture study; composition and literature; Mexico and Spain; history and customs

16.0935 Spanish 3

Spanish 11; Spanish, Intermediate

vocabulary; grammar; culture study; composition and literature; South American and Spanish cultures; Cervantes

16.0936 Spanish 4

Spanish 12

literature; essays; conversation; verb system review; listening, reading, writing skills

16.0937 Spanish, Advanced Placement

Spanish 5

study for C.E.E.B. test; in-depth study of 19th and 20th century authors; grammar; composition; term paper

16.0938 Spanish Field-Based Experience

Spanish Seminar

field-based experience

16.0939 Foreign Language Contract, Spanish

Spanish, Independent Study

contract for independent study

16.0940 Spanish for Spanish Speakers

Spanish for Native Speakers

reading and writing of Spanish skills for Spanish speaking people; culture study

16.0941 Spanish for Travelers

information and conversation for a tourist of Spain or South America

16.0942 Spanish, Commercial

Spanish, Job Related

business and social letters in Spanish; banking forms

16.0900 Italic Languages, Other

16.10 NATIVE AMERICAN LANGUAGES. A group of instructional programs that describe the language, literature, and culture of native American peoples.

16.1000 Native American Languages, Other

16.11 SEMITIC LANGUAGES. A group of instructional programs that describe the language, literature, and culture of Semitic peoples; languages such as Arabic and Hebrew are included in this category.

16.1111 Hebrew 1

conversational skills; art projects on Hebrew lettering

16.1112 Hebrew 2

conversation and culture

16.1113 Hebrew 3

study of Hebrew literature

16.1114 Hebrew 4

study of themes such as politics, sports, women in Israel

16.1100 Semitic Languages, Other

16.99 FOREIGN LANGUAGES, OTHER. A group of instructional programs in foreign languages not described above.

16.9900 Foreign Languages, Other

17. ALLIED HEALTH. A summary of groups of instructional programs that prepare individuals to assist qualified health professionals in providing diagnostic, therapeutic, preventive, restorative, and rehabilitative services to patients in health care facilities, the home, and the community.

17.01 DENTAL SERVICES. A group of instructional programs that prepare individuals to provide supportive services to the dental profession, including performing dental prophylactic treatments, instructing persons in the care of teeth and mouth, and producing dentures and related applicances.

17.0111 Dental Assistant 1

Dental Office Assisting

dental assisting skills; cancer development; filling materials; equipment care; x-rays

17.0112 Dental Assistant 2

dental assistant skill enhancement; terminal vocational program

17.0121 Dental Assistant, Cooperative

dental office work experience; dental assisting

17.0131 Dental Technology

dental laboratory training; dentures; crowns and bridges; precious metals; oral anatomy

17.0132 Dental Technology 2

theory of occlusion of teeth; dental prosthesis; jaw relations and corrective procedures

17.0100 Dental Services, Other

17.02 DIAGNOSTIC AND TREATMENT SERVICES. A group of instructional programs that prepare individuals to use equipment and medical materials for diagnostic and therapeutic purposes by learning to apply roentgen rays and radioactive substances; prepare and administer radioisotopes; operate electrocardiograph, electroencephalograph, respiratory or dialysis equipment; provide technical assistance before, during, and after an operation; or render medical emergency treatment in a variety of situations that demand immediate care, such as heart attacks, childbirth, poisons, burns, and shock.

17.0211 First Aid

CPR and First Aid; Medical Emergencies

cardiopulmonary resuscitation; first aid; emergency care; simulated emergencies

17.0200 Diagnostic and Treatment Services, Other

17.03 MEDICAL LABORATORY TECHNOLOGIES. A group of instructional programs that prepare individuals to carry out technical functions to obtain data for use in diagnosis, treatment, and control of diseases, under the supervision of medical specialists. Includes instruction in the use of technical equipment and the administration of medical and/or chemical agents.

17.0311 Laboratory Program 1

Health Technology

medical laboratory skills; staining techniques; sterilization; blood bank; urinalysis

17.0312 Laboratory Program 2

on site laboratory training; paid experience; medical laboratory skills

17.0321 Chemical Technology 1

Chemistry, Qualitative; Chemistry Lab

laboratory chemistry; instrumental application; vocational approach

17.0322 Chemical Technology 2

sophisticated apparatus; advanced laboratory procedures; technician training

17.0300 Medical Laboratory Technologies, Other

17.04 MENTAL HEALTH/HUMAN SERVICES. A group of instructional programs that prepare individuals to assist nursing and mental health personnel in the care and treatment of the mentally ill, aged, drug addicted, and physically handicapped. Includes instruction in new patterns of living and administering prescribed medication.

17.0411 Home Health Aide

home care assistance; elderly; convalescents; handicapped persons

17.0421 Community Health

community health services; environmental health; infant care; communicable diseases

17.0400 Mental Health/Human Services, Other

17.05 MISCELLANEOUS ALLIED HEALTH SERVICES. A group of instructional programs that prepare individuals to assist specialists in the health field in providing support functions in such areas as pharmaceuticals, central supply, medical records, and the admissions/discharge of patients.

17.0511 Health Occupations 1

Health Careers; Medical Career Opportunities

health careers orientation; nursing arts; laboratory technology; allied health occupations

17.0521 Health Occupations 2

Health Occupations Training; Medical Careers Work Experience

work experience; health fields; paid basis; clinical settings

17.0531 Medical Terminology

complex medical terms; medical office procedures

17.0541 Medical Records Secretary

medical office statistics; medical information requests; records filing supervision; disease coding

17.0551 Medical Assisting

physician assistant; medical office administration; clinical duties; laboratory procedures

17.0561 Sports Medicine

athletic injury; prevention techniques; physiology; kinesiology

17.0571 Veterinary Science

Veterinary Aide

veterinary assistance; animal production; animal health

17.0581 Chemistry for Health Science

Medicinal Chemistry; Nursing Chemistry

survey course; biochemistry; vitamins; practical applications

17.0591 Health Occupations, Independent Study

health occupations training; advanced independent study

17.0500 Miscellaneous Allied Health Services, Other

17.06 NURSING-RELATED SERVICES. A group of instructional programs that prepare individuals to work under the supervision of a physician, nurse supervisor, or other qualified nursing staff member in providing nursing care to patients in hospitals, sanitariums, clinics, private homes, or other places by administering medications and treatments, assisting during treatment and examination of patients, or performing related auxiliary services.

17.0611 Student Assessment of Child Health

Health Office

guided assessment experience; vision screening; hearing tests; health careers exploration; first aid

17.0621 Nursing, Practical

Nursing, Introduction

clinical experience; license preparation; nursing principles; anatomy; physiology; nutrition

17.0631 Nurse Aide and Orderly

Patient Care Technician; Nurse's Assistant

nursing assisting; nursing homes; patient care; safety procedures

17.0641 Nurse Aide, Cooperative

health oriented training; on the job experience; patient care

17.0651 Nurse's Mathematics

applied math; metric measurements; drug solutions; hospital applications

17.0600 Nursing-Related Services, Other

17.07 OPHTHALMIC SERVICES. A group of instructional programs that prepare individuals to assist an ophthalmologist or optometrist in identifying vision defects, performing tests, administering treatment preliminary to examination or surgery, preparing and fitting eyeglasses or contact lenses, and directing corrective eye exercises.

17.0700 Ophthalmic Services, Other

17.08 REHABILITATION SERVICES. A group of instructional programs that prepare individuals to work under the direction of a physician or other appropriate specialist in assisting handicapped persons to overcome or compensate for any loss of function and in restoring the individual's physical health.

17.0800 Rehabilitation Services, Other

17.99 ALLIED HEALTH, OTHER. A group of instructional programs in allied health not described above.

17.9900 Allied Health, Other

18. HEALTH SCIENCES

- 18.01 AUDIOLOGY AND SPEECH PATHOLOGY
  - 18.0100 Audiology and Speech Pathology, Other
- 18.02 BASIC CLINICAL HEALTH SCIENCES
  - 18.0200 Basic Clinical Health Sciences, Other
- 18.03 CHIROPRACTIC
  - 18.0300 Chiropractic, Other
- 18.04 DENTISTRY
  - 18.0400 Dentistry, Other
- 18.05 EMERGENCY/DISASTER SCIENCE
  - 18.0500 Emergency/Disaster Science, Other
- 18.06 EPIDEMIOLOGY
  - 18.0600 Epidemiology, Other
- 18.07 HEALTH SCIENCES ADMINISTRATION
  - 18.0700 Health Sciences Administration, Other
- 18.08 HEMATOLOGY
  - 18.0800 Hematology, Other
- 18.09 MEDICAL LABORATORY
  - 18.0900 Medical Laboratory, Other

- 18.10 MEDICINE
  - 18.1000 Medicine, Other
- 18.11 NURSING
  - 18.1100 Nursing, Other
- 18.12 OPTOMETRY
  - 18.1200 Optometry, Other
- 18.13 OSTEOPATHIC MEDICINE
  - 18.1300 Osteopathic Medicine, Other
- 18.14 PHARMACY
  - 18.1400 Pharmacy, Other
- 18.15 PODIATRY
  - 18.1500 Podiatry, Other
- 18.16 POPULATION AND FAMILY PLANNING
  - 18.1600 Population and Family Planning, Other
- 18.17 PRE-DENTISTRY
  - 18.1700 Pre-Dentistry, Other
- 18.18 PRE-MEDICINE
  - 18.1800 Pre-Medicine, Other

18.19 PRE-PHARMACY

- 18.1900 Pre-Pharmacy, Other

18.20 PRE-VETERINARY

- 18.2000 Pre-Veterinary, Other

18.21 PROSECTORIAL SCIENCE

- 18.2100 Prosectorial Science, Other

18.22 PUBLIC HEALTH LABORATORY SCIENCE

- 18.2200 Public Health Laboratory Science, Other

18.23 TOXICOLOGY (CLINICAL)

- 18.2300 Toxicology (Clinical), Other

18.24 VETERINARY MEDICINE

- 18.2400 Veterinary Medicine, Other

18.99 HEALTH SCIENCES, OTHER

- 18.9900 Health Sciences, Other

19. HOME ECONOMICS. A summary of groups of instructional programs that describe the relationship between the physical, social, emotional, and intellectual environment in and of the home and family, and the development of individuals. Includes instruction in the natural and social sciences and humanities in the development of attitudes, knowledge, and ability pertaining to clothing and textiles, consumer education, food and nutrition, home management, housing, human development and family studies, and institutional management.

19.01 HOME ECONOMICS, GENERAL

19.0100 Home Economics, Other General

19.02 BUSINESS HOME ECONOMICS

19.0200 Business Home Economics, Other

19.03 FAMILY AND COMMUNITY SERVICES

19.0300 Family and Community Services, Other

19.04 FAMILY/CONSUMER RESOURCE MANAGEMENT

19.0400 Family/Consumer Resource Management, Other

19.05 FOOD SCIENCES AND HUMAN NUTRITION

19.0500 Food Sciences and Human Nutrition, Other

19.06 HUMAN ENVIRONMENT AND HOUSING

19.0600 Human Environment and Housing, Other

19.07 INDIVIDUAL AND FAMILY DEVELOPMENT

19.0700 Individual and Family Development, Other

19.08 INTERNATIONAL/COMPARATIVE HOME ECONOMICS

19.0800 International/Comparative Home Economics, Other

19.09 TEXTILES AND CLOTHING

19.0900 Textiles and Clothing, Other

19.99 HOME ECONOMICS, OTHER

19.9900 Home Economics, Other

20. VOCATIONAL HOME ECONOMICS. A summary of groups of instructional programs that emphasize the acquisition of competencies (including skills and job attitudes) needed for securing and holding paid employment at the entry and advanced levels, and/or preparing for advancement in occupations utilizing home economics education knowledge and skills. Vocational home economics education instructional programs are developed from home economics education subject matter areas to meet the unique requirements of the specific vocations. Programs that prepare individuals for paid employment include: (1) services to individuals/families; (2) assistance to professional home economists and professionals in fields related to home economics in industry, business, and public and private agencies; and (3) other services and/or assistance directly related to one or more of the home economics subject matter areas, offered in formal and/or informal settings combined with supervised laboratory and work experiences.

20.01 CONSUMER AND HOMEMAKING HOME ECONOMICS. A group of instructional programs that prepare individuals at all educational levels for the occupation of homemaking, emphasizing the acquisition of knowledge and the development of understanding attitudes, standards, values, and skills relevant to individual and family life. Includes instruction in consumer education, food and nutrition, family living and parenthood education, child growth and development, housing and home management (including resource management), and clothing and textiles; that emphasize the improvement of the home, the quality of individual and family life, and enhance potential employability. These programs prepare individuals for the multiple roles of homemaker and wage earner.

20.0111 Home Economics 7

Comprehensive Consumer and Homemaking Home Economics 7; Homemaking 7

basic principles; foods and nutrition; clothing and textiles; consumer education; child care

20.0112 Home Economics 8

Comprehensive Consumer and Homemaking Home Economics 8; Homemaking 8

basic principles and concepts; clothing and textiles; parenting; interpersonal relationships; consumer education; nutrition and foods

20.0113 Home Economics 1

Comprehensive Consumer and Homemaking Home Economics 1; Homemaking 1; Homemaking, General; Home Arts

introductory course; meal preparation and nutrition; home environment; child development; consumer education; family living

20.0114 Home Economics 2

Comprehensive Consumer and Homemaking Home Economics 2; Homemaking 2

intermediate course; clothing and textiles; housing; foods and nutrition; consumer education; child development; family living

20.0115 Home Economics 3

Comprehensive Consumer and Homemaking Home Economics 3; Homemaking 3

advanced course; young adulthood; management of resources; scientific food preparation; clothing and textiles; home environments

20.0116 Home Economics 4

Comprehensive Consumer and Homemaking Home Economics 4; Homemaking 4

advanced course; special individualized projects; interrelationships of work and family; incorporation of all home economics areas

20.0117 Adult Roles and Functions

Independent Living; Survival Skills; Singles Survival

advanced comprehensive high school course; parentage and family crises; interrelationship of work and family; housing; management; nutrition; consumer education

20.0118 Comprehensive Consumer and Homemaking Home Economics, Independent Study

individualized study; independent study all areas

20.0121 Child Development 8

care of small children; safety; play; creative activity; dressing and feeding

20.0122 Child Development 1

developmental stages; child interactions; dressing and feeding children

20.0123 Child Development 2

developmental stages; siblings; clothing characteristics; nutrition

20.0124 Child Development 3

child birth; infancy; social, motor, physical and emotional development; language development

20.0125 Child Development 4

child birth; infancy; social, motor, physical and emotional development; language development; exceptionalities; economic aspects

20.0131 Clothing 7

project sewing; hand sewing; use of sewing machine

20.0132 Clothing 8

project sewing; introducing clothing construction

20.0133 Clothing 1

Sewing, Introduction; Sewing 1; Textiles and Clothing 1; Clothing Construction

current fashions; sewing machine use; pattern selection; zipper application; hem finishes

20.0134 Clothing 2

Sewing, Intermediate; Sewing 2; Textiles and Clothing 2; Clothing Construction, Intermediate

special fabrics; machine buttonholes; collars, sleeves

20.0135 Clothing 3

Sewing 3; Textiles and Clothing 3

advanced techniques; linings; buttonholes; fabric suitability; garment completion; study of textiles

20.0136 Clothing 4

Sports Wear; Alterations

advanced course; tailor suits; children's clothes; sewing to meet special needs; alterations and repair

20.0137 Tailoring

intricate sewing; tailored suit making; cuffs; seams; alterations

20.0141 Consumer Education 1

Economic Survival; Economics, Personal; Comparison Buying and Budgeting; Money Management, Personal; You and Your Money

credit purchasing; money management; savings and checking accounts; comparison shopping; decision making process; consumer protection and assistance

20.0142 Consumer Education 2

family finance; insurance; banking; economic principles; investments; decision making process

20.0151 Home Economics Occupations 1, Exploratory

Home Economics Job Training Exploration

work experience; career choices; home economics; waitressing; clothing alterations assistant; interior decorator aide

20.0152 Home Economics Occupations 2, Exploratory

work experience; management skills; home economics; individualized training; dietary aide; florist aide

20.0153 Home Economics Laboratory Assistant

home economics instructor assistance; materials storage; student assistance; teaching materials preparation

20.0154 Home Economics Leadership

community service; leadership qualities; family unity

20.0161 Family Health 1

Family Nursing

accident prevention; home nursing techniques; diets; community health resources

20.0162 Family Health 2

Family Nursing, Advanced

advanced home nursing techniques; care of elderly; diets

20.0171 Family Relations

Family Sociology; Family Living

peer relations; family relations; pre-marital concerns; parenthood; child abuse; divorce

20.0172 Marriage Society and Change

Lifestyles

marriage issues; marriage partner choice; social trends; male/female relations

20.0173 Parenthood

Parent Education; Parenting

parenthood preparation; prenatal care; childbirth; infancy

20.0181 Foods and Nutrition 7

introduction to nutrition; introduction to basic cooking principles

20.0182 Foods and Nutrition 8

nutrition; health; preparation of simple meals

20.0183 Foods 1

Kitchen Survival; Meal Management; Family Meals; Nutrition and Food Management 1; Foods Preparation, Basic

cookery skills; simple meals; baking techniques; food buying; budgeting

20.0184 Foods 2

Cooking for Compliments; Nutrition and Food Management 2; Foods Preparation, Intermediate

individualized cooking; entertaining; regional cooking; table settings

20.0185 Foods 3

Gourmet Foods; Foods, Experimental; Foods Preparation, Advanced

foreign cuisines; advanced cooking techniques; cultural food customs; research paper

20.0186 Foods 4

advanced course; meal preparation; special desserts; roasts; application of scientific principles

20.0187 International Foods

Foreign Foods

cultural foods; authentic preparations; international eating habits

20.0188 Nutrition

eating patterns; nutrition science; consumer aspects; world hunger

20.0191 Home Management 1

family management; values, goals and standards; organizing a home and family activities

20.0192 Home Management 2

family economics; organization; systems; theories

20.0100 Consumer and Homemaking Home Economics, Other

20.02 CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES. A group of instructional programs that prepare individuals for occupations in child care and guidance, foster care/family day care, and teacher assistance, often under the supervision of professional personnel. Includes instruction in child growth and development; nutrition; program planning and management; safety and behavior guidance; recreational and play activities; child abuse and neglect; parent-child personal relationships; learning experiences for children; interpersonal relationships; and laws, regulations, and policies relating to child-care services and maintenance of children's environments.

20.0211 Child Care Services

Early Childhood Workshop; Child Development Services; Nursery School Training

child growth and development; nutrition; program planning and management; learning experiences for children; laws, regulations and policies relating to child care services

20.0221 Child Care Aide

planning and organizing activities; physical, mental and social growth; development of acceptable behavior

20.0231 Child Care Management

developing and managing child care programs; financial operations; selecting or developing facilities; staffing, staff development; working with parents, community agencies and organizations

20.0241 Foster Care and Family Care

Family Care Services

special needs of deprived or handicapped persons; health and safety, nutrition, program/play activities; parental involvement; laws, regulations and policies related to family day care services

20.0251 Teacher Aide

program planning for child development; playground activities; health and safety of children; administrative and managerial activities

20.0200 Child Care and Guidance Management and Services, Other

20.03 CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES. A group of instructional programs that prepare individuals for occupations concerned with the entire spectrum of clothing, apparel, and textiles management, production, and services, including but not limited to construction; fabric and fabric care; pattern design; principles in clothing construction and selection; fitting and alterations of ready-to-wear garments; custom tailoring; clothing maintenance; and textiles testing.

20.0311 Clothing Occupations 1

Profitable Sewing 1; Fashion Design and Clothing Occupations

occupational training; pressing tools; clothing alterations; industrial sewing machines

20.0312 Clothing Occupations 2

Profitable Sewing 2

tailoring techniques; linings; suit construction; job opportunities

20.0313 Clothing Occupations 3

fashion design; flat pattern drafting; alterations; clothing accessories

20.0321 Clothing Maintenance Aide

types of repair, alteration, or cleaning; fitting and marking of garments for repairs; making repairs; assisting with laundering and drycleaning of garments; pressing garments; assisting in keeping records

20.0331 Commercial Garment and Apparel Construction

design and construct ready-to-wear garments and apparel; designing and drafting patterns for standardized sizes; selecting appropriate fabric; cutting of fabric with commercial cutting equipment; stitching fabric on commercial power sewing equipment; applying finishes and notions to garments and apparel

20.0341 Customer Apparel Construction

metrication in measuring and fitting; constructing, altering, and preparing garments for women, men, and children; using standard or power sewing machines or various hand stitches; laying out patterns on the fabric and cutting out fabric with hand or power driven scissors or shears; basting fabric pieces together and fitting garments to customers; specific seam finishes for particular fabrics

20.0351 Custom Tailoring and Alteration

constructing, altering, and repairing men's, women's, and children's garments; selection of design, fabric, notions to customer specifications; taking measurements and fitting; preparing patterns; cutting, sewing and altering by hand

20.0361 Wedding and Speciality Consulting

wedding etiquette; selection of attire for bride, groom, attendants, and others; fitting and marking garments for needed alterations; invitations, flowers, linens, and other home accessories; working with caterers and photographers, records of gifts; constructing, displaying, and selling wedding attire

20.0371 Fashion and Fabric Coordination

fashion design, trends, styles, and merchandising; selecting current fashion for figure types, fitting garments on customers; planning fashion shows; assisting home sewers with construction techniques, advising on quantity of fabric needed; measuring and cutting fabric; ordering, receiving, and display merchandise

20.0381 Textiles Testing

Identifying qualities of various fibers, yarns, and fabrics; collecting and testing fabric samples, making elementary statistical calculations; comparing test results with samples or prepared standards; checking and calibrating various testing instruments using metrication; keeping laboratories clean

20.0391 Clothing Production Management

managing clothing production; textile production management

20.0300 Clothing, Apparel, and Textiles Management, Production, and Services, Other

20.04 FOOD PRODUCTION, MANAGEMENT, AND SERVICES. A group of instructional programs that prepare individuals in managerial, production, and service skills used institutional, commercial, or self-owned food establishments or other food industry occupations. Includes instruction in planning, selecting, storing, purchasing, preparing, and serving quantity food and food products; nutritive values; safety and sanitation precautions; use and care of commercial equipment; serving techniques; special diets; and management of food establishments.

20.0411 Food Service Training 1

Culinary Arts 1; Commercial Foods, Basic; Restaurant Occupations 1; Chef Class

public food service; short order cooking; restaurant equipment operation; dining room operations; sanitation; planning, selecting, storing purchasing, preparing, and serving quantity food and food products; nutritive values; use and care of commercial equipment; serving techniques; special diets

20.0412 Food Service Training 2

Culinary Arts 2; Commercial Foods, Advanced; Restaurant Occupations 2

food preparation; bakery operation; dinner catering; model restaurant; laws and regulations; unions; safety, sanitation; receive, store and issue food

20.0421 Food Service Cooperative Training

Food Service, Vocational

food service industry; on the job training

20.0431 Baking

baking, industry; pastry production; costing; production control; bakery ingredients

20.0441 Chef

use and care of commercial equipment; preparing quantity foods; controlled servings; selection, preparation and storage of foods; health and safety regulations

20.0451 Catering

social functions; food preparation; party foods; beverage service; equipment; decorations; health and sanitation regulations

20.0461 Dietetic Aide

special meal preparation; sanitary standards; professional dietician assistance; diet regulations; record keeping; emergency procedures

20.0471 Food Testing

identifying qualities of various foods; collecting and testing food samples as directed; making elementary statistical calculations; recording test results; comparing test results with samples or prepared standards; reporting variations from standards

20.0481 School Food Service

Cafeteria Assistant

planning, supervising, purchasing, preparing, and serving goods and food products in school food-service establishments; planning appetizing and nutritional menus; creating an environment for serving of foods; taking inventory of supplies and equipment; performing dishwashing tasks and storage of equipment or food according to health, safety, and sanitation regulations

20.0400 Food Production, Management and Services, Other

20.05 HOME FURNISHING AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES. A group of instructional programs that prepare individuals in the entire spectrum of home furnishings and equipment. Includes instruction in assisting purchasers in selecting and maintaining suitable home furnishings and/or equipment; assisting interior designers, decorators, or professional home service directors; making slipcovers, draperies, curtain and window treatments, and upholstery; and designing accessories such as floral arrangements or decorations.

20.0511 Housing and Interior Design 1

Home and Interiors; Home Furnishings; Living Environments

furniture arranging; floorplans; wall coverings; color selection; pleasing environments; principles of design

20.0512 Housing and Interior Design 2

varied types of housing; exterior and interior design; human and environmental factors influencing form and use of housing; living space designed to meet family needs

20.0513 Interior Design Occupations

Home Environment Occupations

assisting purchasers in selecting and maintaining suitable home furnishings equipment; assisting interior designers, decorators, or professional home service directors; slipcovers, draperies, curtain and window treatments, and upholstery; designing accessories, floral arrangements or decorations

20.0521 Floral Design

selecting appropriate containers, flowers, and accessories for special occasions or events such as weddings, dinners, banquets, and holiday celebrations; working with consumers, decorators, or caterers to plan and design floral arrangements; arranging floral decorations; packaging and delivering the decorative arrangements

20.0531 Home Decorating

principles of design; color; developing plans for consumers; furnishings

20.0541 Home Furnishings Aide

assist interior designers/decorators in planning and decorating customers homes or offices; constructing draperies, window treatment items, and other home accessories; coordinating arrangements of furniture, samples, and accessories in stores

20.0551 Custom Drapery and Window Treatment Design

art principles, color design, textiles, fabrics, and finishes; measuring and determining materials needed; determining cost of materials and labor; constructing various types of draperies and other window treatments; using chemical or other finishes to prolong the life of fabrics; installing draperies or other window treatment fixtures and other materials

20.0561 Custom Slipcovering and Upholstering

art principles, color schemes, textures, designs, and textiles; selecting fabrics, trims, and finishes; measuring and determining cost of materials and labor; identifying and using chemical treatments that prolong the life of fabrics or materials; constructing and using latest techniques and methods of upholstering, reupholstering, repairing, and slipcovering

20.0571 Home-Service Assisting

demonstrating various kinds of large and small appliances to consumers; selecting, using, and caring for equipment for maximum consumer satisfaction and energy conservation; planning of kitchens, laundry areas, and other work places in homes, churches, community centers, schools, and other institutions

20.0500 Home Furnishings and Equipment Management, Production, and Services, Other

20.06 INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES. A group of instructional programs that prepare individuals for occupations in institutional/executive housekeeping; hotel/motel; commercial cleaning; provision of services to the aged in their homes and in institutions; assistance in the management of household tasks; and assistance to consumers in decision making in relation to housing, food, clothing, community resources, and other homemaking concerns.

20.0611 Custodial Services

building careers; cleaning; floor surfaces; wall coverings; cleaning agents; supply purchasing

20.0621 Executive Housekeeping

advanced instruction and training to assume executive housekeeping duties such as establishing standards and procedures for housekeeping staff; planning work schedules; making recommendations to management for repairs, replacement, or relocation of furnishings, equipment, or space; keeping inventories of supplies and equipment; evaluating performance of staff with recommendations for promotion or dismissal

20.0631 Homemaker's Aide

Homemaker's Assistant, Home Management

child care guidance; food preparation instruction; home furnishing; home management counseling

20.0641 Companion to the Aged

assisting aged persons with personal, social, and business affairs; care for clothing and household linens; preparation and service of meals; safety; keeping house, answering correspondence and paying bills; outings for exercise or social activities

20.0651 Consumer Aide

preparing menus or recipes; posting unit costs; demonstrating new food products and equipment; advising consumers on the use, care, and storage of products and equipment; preparing information exhibits, displays, and handouts; performing personal shopping services

20.0661 Therapeutic Recreation Aide

recreational activities, equipment and supplies; maintaining records; escorting patients between nursing units and therapy centers; maintaining cleanliness and order in treatment areas

20.0600 Institutional, Home Management, and Supporting Services, Other

20.99 VOCATIONAL HOME ECONOMICS, OTHER. A group of instructional programs in vocational home economics not described above.

20.9900 Vocational Home Economics, Other

21. INDUSTRIAL ARTS. A summary of groups of instructional programs that provide individuals with knowledge that: (a) pertains to the body of related subject matter, or related courses, organized for the development of understanding about all aspects of industry and technology, including learning experiences involving activities such as experimenting, designating, constructing, evaluating, and using tools, machines, materials, or processes; and (b) assists individuals in making informed and meaningful occupational choices or which prepare them for entry into advanced trade and industrial or technical education programs.

21.01 INDUSTRIAL ARTS. A group of instructional programs that provide individuals with knowledge that: (a) pertains to the body of related subject matter, or related courses, organized for the development of understanding about all aspects of industry and technology, including learning experiences involving activities such as experimenting, designating, constructing, evaluating, and using tools, machines, materials, and processes; and (b) assists individuals in making informed and meaningful occupational choices or which prepare them for entry into advanced trade and industrial or technical education programs.

21.0101 Industrial Arts 7

Introductory course; mechanical drawing; woodworking; ceramics; tool familiarization

21.0102 Industrial Arts 8

Introductory course; electricity; power mechanics; metalwork; tool familiarization; wood working

21.0103 Industrial Arts 1

Shop 1, Exploratory; Shop, General; Industrial Materials 1; Industrial Arts Orientation; Industrial Crafts 1

basic skills; woods; metals; plastics; occupational orientation

21.0104 Industrial Arts 2

Shop 2, Exploratory; Industrial Materials 2; Industrial Crafts 2

basic skills; individual projects; woods; metals; plastics

21.0105	Industrial Arts 3 intermediate skills; woods; metals; plastics
21.0106	Industrial Arts 4 advanced skills; woods; metals; plastics
21.0107	Industry and Technology introductory course; industrial resources; industrial processes; industrial organization
21.0108	Industrial Production Manufacturing and Production industrialized society; materials reclamation; industrial organizations; assembly line production
21.0109	Industrial Occupations 1 World of Construction; Industrial Cooperative Training classroom training; job skills; social competencies; industrial competencies; industrial careers
21.0110	Industrial Occupations 2 Industrial Cooperative Training, Advanced classroom training; industrial competencies; job advancement; supervisory techniques
21.0111	Industrial Cooperative Work Experience industrial employment; supervised experience; on-site learning situations; pre-apprenticeship
21.0112	Industrial Cooperative Work Experience, Advanced industrial employment; increased responsibility; business operation

21.0113 Electricity 1

Electricity, Basic; Electrical Trades

circuits; magnetism; signal systems; electrical theory; safety practices; codes

21.0114 Electricity 2

Electrical Trades, Advanced; Electrical Wiring Practices

power systems; radio; appliances; insulators; wiring methods; commercial wiring

21.0115 Electronics 1

Electronics, Basic; Circuits, Fundamental

semiconductor characteristics; solid state systems; special lighting devices; blueprint reading; test equipment

21.0116 Electronics 2

Electronics, Digital

electronics industry; advanced electronic testing; digital integrated circuiting; electronic games

21.0117 Electronics 3

electronic projects; advanced study

21.0118 Electronics 4

advanced study; electronics projects

21.0119 Electricity and Electronics, Introduction

integrated course; electricity; electronics

21.0120 Electricity and Electronics, Advanced

integrated course; advanced electricity; advanced electronics

21.0121 Machine Shop 1

Machine Lab; Industrial Machine

manufacturing machine use; measuring tools; original product construction; machine operator skills

21.0122 Machine Shop 2

skill improvement; special projects; machine operations; tooling gages

21.0123 Machine Shop 3

alloys; precision machining; numerical control; vocational preparation

21.0124 Machine Shop 4

apprenticeship preparation; machine tool mastery

21.0125 Industrial Education Management Trainee

instructor assistant; tool management; inventory; materials ordering; work group supervision

21.0126 Industrial Arts Research

Industrial Arts, Independent Study

advanced course; interdisciplinary approach; industrial arts; special study projects

21.0100 Industrial Arts, Other

22. LAW. A summary of groups of instructional programs that describe the principles and procedures, in the form of legislation, decisions, regulations, and orders, developed and enforced by institutions of government in order to maintain social order.

22.01 LAW. A group of instructional programs that describe the principles and procedures, in the form of legislation, decisions, regulations, and orders, developed and enforced by institutions of government in order to maintain social order.

22.0111 Law Fundamentals

Parliament and Court Procedures; Criminal Law; Legal Rights

principles and procedures of law; law field trips; information gathering; argument writing; debate

22.0121 Law and You

On Trial; Criminology and Justice; Youth and the Law; Law Enforcement and the Courts; Civil Liberties and the Law; Law and Juvenile Justice; Practical Law; Everyday Law

law and the individual; lay person's view of the law; criminal justice system; legal rights

22.0131 Street Law

practical aspects of criminal, consumer, family, housing and individual rights law; participation in field trips and mock trials

22.0100 Law, Other

23. **LETTERS.** A summary of groups of instructional programs that describe sounds, literature, syntax, phonology, morphology, semantics, sentences, prose and verse, as well as the development of skills and attitudes used in communicating and evaluating thought and feelings through oral and written language.

23.01 **ENGLISH, GENERAL.** A group of instructional programs that generally describes the skills and techniques essential to learning the English language.

23.0101 English 7

reading, writing, listening, speaking skills; literature appreciation; vocabulary study; mechanics; usage; spelling

23.0102 English 7, Honors

English 7, Above Grade Level

literature and composition; reading, writing, listening, speaking skills; text preview; study skills

23.0103 English 8, Below Grade Level

literature and composition; reading, writing, listening, speaking skills

23.0104 English 8

English 8, Average

reading, writing, listening, speaking skills; usage; sentence structure; literature appreciation

23.0105 English 8, Honors

English 8, Above Grade Level

literature appreciation; in-depth study of reading, writing, speaking, listening skills

23.0106 English 1, Below Grade Level

English 9, Basic; Communication Skills, Non College

grammar study; literature survey; reading, writing, speaking, listening skills

23.0107 English 1

English 9, Average

on grade level English; genres; reading, writing, listening, speaking skills

23.0108 English 1, Honors

English 9, Honors

above grade level English; in-depth study of reading, writing, speaking, listening skills; genre study

23.0109 English 2, Below Grade Level

English 10, Basic

communications skills, reading, writing, speaking and listening; study skills; genres

23.0110 English 2

English 10, Average

on grade level English; reading, writing, speaking, listening skills; mechanics; usage, genres

23.0111 English 2, Honors

English 10, Honors

above grade level English; language origins; genres; in-depth study of reading, writing, listening, speaking skills

23.0112 English 3, Below Grade Level

English 11, Basic

high interest reading; reading, writing, listening, speaking skills; writing through literature

23.0113 English 3

English 11, Average

on grade level English; genres; reading, writing, listening, speaking skills

23.0114 English 3, Honors

English 11, Honors

above grade level English; in-depth study of reading, writing, listening, speaking skills

23.0115 English 4, Below Grade Level

English 12, Basic

writing through literature; reading, writing, speaking, listening skills

23.0116 English 4

English 12, Average

on grade level English; genres; term paper preparation; reading, writing, listening, speaking skills

23.0117 English 4, Honors

English 12, Honors; English, Advanced Placement

above grade level English; genre; research paper; reading, writing, listening, speaking skills

23.0118 World Literature

Modern Classical Literature

reading and critiquing; world classical literature

23.0119 Renaissance Literature

Man in a New World

reading and critiquing literature of the Renaissance; Petrarch to Skakespeare

23.0120 Romanticism

Man and Nature

reading and critiquing literature of the Romantic period including Goethe, Burns, Wordsworth, Emerson, etc.

23.0121 Realism

reading and critiquing literature of realism including Defoe, Howells, James, etc.

23.0122 Literature, Contemporary

Contemporary Fiction; Twentieth Century Literature; Big Books of the 20th Century

modern authors; thematic patterns; essay writing; reading and critiquing works of the 20th century including Jarrell, Brautigan, Dickey, Updike, etc.

23.0123 Irish Literature

reading and study of Irish literature including Yeats, Synge, O'Flaherty, etc.

23.0124 Russian Literature

reading and critiquing Russian writers including Dostoevsky, Tolstoy, Checkhov, etc.

23.0125 Bible as Literature

Literature of the Bible

study of the Old Testament; New Testament; heroes; prophecies; poetry

23.0126 Mythology and Fable

Mythology and Folklore; Heroes, Gods and Monsters

study of Greece and Rome; Egypt and Mesopotamia; China, Japan and India; mythologies and fables

23.0127 Drama, Introduction

play reading of dramatists such as Ibsen, Miller; stage production planning; critiquing; rudiments of set design

23.0128 World Drama

reading and critiquing the drama of the world up to the modern period

23.0129 Plays, Modern Survey

reading and critiquing of modern playwrights including Pinter, Albee, etc.

23.0130 Novels

readings, discussions and writings on selected novelists such as Hawthorne, Twain, Melville, etc.

23.0131 Short Story

Short Narrative; Short Fiction

historical development; American and foreign short stories

23.0132 Mysteries

detective stories by Poe, Collins, Doyle, Gardner, etc.; crime story reading and critiquing

23.0133 Poetry

figures of speech; melodic elements; poetic forms; modern poetry; survey of British and American poetry including Bradstreet, Eliot, etc.

23.0134 Rock Poetry

study of rock music lyricists such as Lennon, Dylan, etc.

23.0135 Humor

Let's Laugh; American Humor

reading and critiquing works of humorists such as Thurber, Wodehouse, Nash

23.0136 Biography

Famous Personalities

reading and critiquing biographies

23.0137 Non Fiction

catastrophe; adventure; essays; editorials; reading and critiquing

23.0138 Science Fiction

Literature of the Mysterious; Fiction and Fantasy

reading and critiquing of science fiction literature; UFOs; robots

23.0139 Themes in Literature

War and Peace; Modern Journalistic Literature

literature study on selected themes

23.0140 Literature of Human Values

short stories; essays; short novels on human values

23.0141 Ethnic Literature

Minority Literature

minority groups; Chicanos; women; aged; handicapped

23.0142 Women in Literature

study of women as heroines and as writers

23.0143 Sports Through Literature

articles, books, films highlighting sports

23.0144 Occult Literature

Supernatural Literature

psychic phenomona in literature; astrology; magic; monsters; Gothic literature reading and critiquing

23.0145 Protest Literature

study of literature centering on protest movements

23.0146 Youth and Literature

Adolescent Fiction; Books and the Teenage Reader

authors focusing on youth

23.0147 Heroes

different types of heroes; fiction and non-fiction

23.0148 Utopias

readings on perfect social systems

23.0149 Death

death expressed in literature; drama; prose; poetry

23.0150 Nobel Prize Authors

study of O'Neill; Buck; Faulkner; Hemingway; Steinbeck; analysis of works of Nobel authors

23.0151 Seminar in an Author

one author read, critiqued, evaluated

23.0152 English, Real Life Problem Solving

studying literature for self knowledge

23.0153 Reading, Independent Study

Reading Laboratory; Reading and Conference; Literature, Individualized; Reading, Individualized; Best Sellers; Effective Reading; Reading for Pleasure

reading under contract; basic reading skill development

23.0154 Research Technique

Writing and Research; Research Process; College Writing; Research Paper; Research and Writing the Term Paper

term paper format; organization and presentation of researched material

23.0100 English, Other General

23.02 CLASSICS. A group of instructional programs that describe the language and literature of the ancient Greco-Roman world in English translation.

23.0211 Mythological Literature, Greek and Roman

Classical Mythology

deities; heroes; Homer; Virgil

23.0200 Classics, Other

23.03 COMPARATIVE LITERATURE. A group of instructional programs that describe the comparison of various aspects of literature, based on selected dimensions such as genre, theme, literary period, and language source.

23.0311 Comparative Literature

Comparisons in Literature

plot; character; theme; setting; comparisons of European, Russian and American authors

23.0300 Comparative Literature, Other

23.04 COMPOSITION. A group of instructional programs that describe the principles and techniques of selecting, combining, arranging, and developing ideas, and expressing them in appropriate written forms such as narration, exposition, or persuasion.

23.0401 Composition, Expository

Writing Practice; Contemporary Composition; Expository Writing

basic composition structure; models; skill improvement

23.0402 Writing Laboratory

Writing Skills Workshop; Composition, Advanced

intensive practice; writing skills; laboratory setting

23.0403 Writing About Literature

writing about plays, short stories, novels

23.0404 Vocabulary

Fun With Words; College Vocabulary Skill Building; Word Power

dictionary use; prefixes and suffixes; spelling

23.0405 Spelling

study of spelling words; assigned lists; self identified lists

23.0406 Grammar 7

Language Structure 7

traditional grammar, transformational grammar, structural linguistics

23.0407 Grammar 8

Language Structure 8

traditional grammar, transformational grammar, structural linguistics

23.0408 Grammar 9

Language Structure 9

traditional grammar, transformational grammar, structural linguistics

23.0409 Grammar 10

Language Structure 10; Grammar Review 10, College Preparation

traditional grammar, transformational grammar, structural linguistics; spelling, punctuation, proofreading

23.0410 Grammar 11

Language Structure 11; Grammar Review 11, College Preparation

traditional grammar, transformational grammar, structural linguistics; vocabulary; composition

23.0411 Grammar 12

Language Structure 12; Grammar Review 12, College Preparation

traditional grammar, transformational grammar, structural linguistics; vocabulary; composition

23.0412 Etymology

Wordsearch; Word Clues

study of Latin and Greek root words

23.0413 Handwriting

Penmanship

techniques for and exercises in handwriting

23.0414 Interpersonal Communication

role playing, experiments, games, discussions; verbal, non-verbal behavior; composition suggestions

23.0400 Composition, Other

23.05 CREATIVE WRITING. A group of instructional programs that describe the techniques of composition of such forms of literature as the short story, verse, drama, and others that involve some degree of spontaneity and exercise of the imagination on the part of the writer.

23.0511 Creative Writing 10

Creative Writing 1

short story; one-act plays; informal essays; poetry

23.0512 Creative Writing 11

Creative Writing 2, Workshop

short story; poetry; one-act plays; informal essays; prose writing

23.0513 Creative Writing 12

short story; poetry; one-act play; informal essay

23.0521 Creative Writing, Independent Study

short story; plays; poetry; independent writing projects

23.0500 Creative Writing, Other

23.06 LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY). A group of instructional programs that describe the descriptive, historical, and theoretical aspects of language, its nature, structure, varieties, and development, including especially sound systems (phonology), grammatical systems (morphology, syntax), lexical systems (vocabulary, semiology), and writing systems.

23.0611 Linguistics

Language and Thought; Semantics and History of Language

human speech structure; language effects; borrowing, inventions, discoveries; language dialect; language sciences; growth and development of language

23.0600 Linguistics (Includes Phonetics, Semantics, and Philology), Other

23.07 LITERATURE, AMERICAN. A group of instructional programs that describe American writings in prose or verse, especially those of an imaginative or critical character, including biography, criticism, drama, essay, fiction, poetry, myths, and legends.

23.0711 American Literature

Selected American Authors; American Experience; Portrait of an American; American Writers

major American writers; novels, short stories, dramas, poetry; chronological survey

23.0721 Black Literature

Literature of Black America; Afro American Literature

novels; short stories; plays; poetry; Black and Afro American writers

23.0731 American Dream in Literature

American Heroes; American Dilemma; American Cultural Patterns; American Philosophy in Literature

study of Puritanism; Transcendentalism; Naturalism; Pragmatism; Existentialism; American dream representations

23.0741 Folklore, American

study of Ozarkian, Black, American Indian, Western, Yankee, Southern folktales; customs; folksongs; superstitions

23.0751 Indian Literature

American Indian Literature

study of Indian tribes and their literature; American Indian fables and myths

23.0761 State Writers

Regional Writers

specific state writers; regional and ethnic literature

23.0771 Western Literature

Frontier Literature

literature representative of the frontier; folksong; Zane Grey

23.0781 Mexican American Literature

readings and discussions on literature of Mexican Americans

23.0700 Literature, American, Other

23.08 LITERATURE, ENGLISH. A group of instructional programs that describe British writings in prose or verse, especially those of an imaginative or critical character, including biography, drama, essay, criticism, fiction, poetry, myths and legends.

23.0811 British Literature Survey

Major British Writers; British Literature, Conventions and Experiments; Background of Modern British Literature

study of Beowulf, Chaucer, Shakespeare, Milton, Keats; survey of British literature; Romantic and Victorian prose and poetry; contemporary British writers

23.0821 Shakespeare

Ages of Man; Political Intrigue and Murder

comedies; tragedies; histories; play analysis; professional production attendance

23.0831 Modern British Writers

study of Joyce, Yeats, Shaw, Hardy, Osborne, Golding, Greene

23.0841 Victorian Literature

study of Victorian literature

23.0851 Satire, Modern British

study of Bleak House; Major Barbara; The Wasteland; Lucky Jim; Monty Python; British satire

23.0861 Arthurian Legend

Once and Future King

reading and examination of the Arthurian legend

23.0800 Literature, English, Other

23.09 RHETORIC. A group of instructional programs that describe the effective use of language, including an examination of the patterned use of language for its effects.

23.0900 Rhetoric, Other

23.10 SPEECH, DEBATE, AND FORENSICS. A group of instructional programs that describe strategies for improving competence in speaking and listening and the application of forms of argument to testing ideas or reaching decisions.

23.1011 Public Speaking

Communications, Basic; Speech Arts; Oral Composition; Oral Communications; Forensics

extemporaneous, demonstrative, persuasive, informative oral communication; video tape; speech writing and delivery

23.1021 Speech 1

Oral Interpretation; Speech, General; They Used to Call It Rhetoric

oral reading; children's literature; delivering, selecting, organizing speeches; persuasion; poise and verbal skills

23.1022 Speech 2

Speech Tournament; Discussion and Debate; Debate and Argumentation

tournaments; debate techniques; argumentation; problem solving

23.1023 Speech 3

speech practices and techniques

23.1031 Debate Practicum Contract

individual work in debate

23.1000 Speech, Debate, and Forensics, Other

23.11 TECHNICAL AND BUSINESS WRITING. A group of instructional programs that describe the theory, methods, and skills needed for writing scientific, technical, and business papers, and monographs.

23.1111 Technical English

methods and skills for writing scientific, technical and business papers

23.1100 Technical and Business Writing, Other

23.99 LETTERS, OTHER. A group of instructional programs in letters not described above.

23.9900 Letters, Other

24. LIBERAL/GENERAL STUDIES. A summary of groups of instructional programs that describes the foundation necessary for understanding self and society through an appreciation of the concerns of civilization and our common heritage.

24.01 LIBERAL/GENERAL STUDIES. A group of instructional programs that describe the foundation necessary for understanding self and society through an appreciation of the concerns of civilization and our common heritage.

24.0111 Liberal Studies

Integrated fields of art, music, literature, philosophy

24.0121 Summer Abroad

field experience of living in another country

24.0131 Independent Study

Beyond Regular Study; Mentorship

self directed inquiry; outside regular curriculum

24.0100 Liberal/General Studies, Other

25. LIBRARY AND ARCHIVAL SCIENCES. A summary of groups of instructional programs that describe the knowledge and skills required to develop, organize, store, retrieve, administer, and facilitate the use of collections of information in such formats as books, documents, manuscripts, machine-readable data bases, filmed and recorded materials, specimens, and artifacts.

25.01 LIBRARY AND ARCHIVAL SCIENCES, GENERAL. A group of instructional programs that generally describes the knowledge and skills required to develop, organize, store, retrieve, administer, and facilitate the use of collections of information in such formats as books, documents, manuscripts, machine-readable data bases, filmed and recorded materials, specimens, and artifacts.

25.0111 Library Science

Library Skills

library skills development; card catalog; Dewey decimal system; audiovisual equipment; filing

25.0100 Library and Archival Sciences, Other General

25.02 ARCHIVAL SCIENCE. A group of instructional programs that describe the collection, organization, preservation, service, and retrieval of public records, documents of historical significance, and other archival materials.

25.0200 Archival Science, Other

25.03 LIBRARY ASSISTING. A group of instructional programs that prepare individuals to assist professional librarians. Includes instruction in principles, systems, processes, and procedures in library operation; library resources and services; processes of acquisition, cataloging, storage, and display systems; discovery and retrieval of requested materials; management of books, periodicals, and other printed materials; technological media such as audiovisual and education equipment; public services such as library loans; and data-processing implications for automation of records in libraries.

25.0311 Library Assistant

Library Aide

library procedures; school service; audiovisual equipment operation

25.0300 Library Assisting, Other

25.04 LIBRARY SCIENCE. A group of instructional programs that describe the attitudes, knowledge, and skills of library materials and libraries.

25.0400 Library Science, Other

25.05 MUSEOLOGY. A group of instructional programs that describe the attitudes, knowledge, and skills required to develop, organize, administer, store and retrieve, and facilitate the use of museums and museum materials including art galleries and zoological gardens.

25.0500 Museology, Other

25.99 LIBRARY AND ARCHIVAL SCIENCES, OTHER. A group of instructional programs in library and archival sciences not described above.

25.9900 Library and Archival Sciences, Other

26. LIFE SCIENCES. A summary of groups of instructional programs that describe the systematic study of living organisms.

26.01 BIOLOGY, GENERAL. A group of instructional programs that generally describes life forms, including the structure, function, reproduction, growth, heredity, evolution, behavior, and distribution of living organisms.

26.0111 Science 7

Life Science 7

animals, plants, cells; human body systems; environment; continuity

26.0121 Biology, Basic

Biology, Essentials; Biology, Patterns; Life Science; Natural Science; Biology, Functional

basic course; organismic level; simplified approach; human body; functioning plants; functioning animals

26.0131 Biology, General

Biology; Biology, Regents; Biology, Introductory

standard course; cellular level; community level; ecological relations; evolutionary development

26.0141 Biology, College Preparatory

Biology, Honors

college preparatory course; quantitative approach; biosphere; physiology; heredity; molecular level

26.0142 Biology, Advanced

Biology, College; Biology, Advanced Placement; Biology 2

second level course; evolutionary history; DNA and RNA; immunology; microbiology; advanced genetics

26.0151 Field Biology

Biology, Regional

local environment study; nature appreciation; field experiences; local flora and fauna; ecological relationships

26.0161 Genetics

mutation; heredity; genetic principles; DNA and RNA; recombination; viruses

26.0171 Biopsychology

human behavior; biological factors; environmental factors; conditioned response; reasoning behavior; behavior adaptation

26.0181 Biology Seminar

Biology, Independent Study

advanced biology topics; independent projects; biology research

26.0100 Biology, Other General

26.02 BIOCHEMISTRY AND BIOPHYSICS. A group of instructional programs that describe the chemistry of living systems, the biological phenomena that result from the interactions among these systems, including energy changes, and biological phenomena using physical principles and methods.

26.0211 Biochemistry

biochemical evolution; macromolecules; metabolism; glycolysis; photosynthesis; respiration

26.0200 Biochemistry and Biophysics, Other

26.03 BOTANY. A group of instructional programs that describe the structure, function, reproduction, growth, heredity, evolution, and descriptions of plant life.

26.0311 Botany

Plants and People; Trees and Shrubs, Local

plant kingdom; plant evolution; classification; plant ecology; domestic plants

26.0300 Botany, Other

26.04 CELL AND MOLECULAR BIOLOGY. A group of instructional programs that describe the cell as a unit of organization in plants and animals, and the molecular structure and processes of living organisms.

26.0411 Cell Biology

cellular metabolism; cell physiology; cell division; cellular chemistry; cell evolution

26.0400 Cell and Molecular Biology, Other

26.05 MICROBIOLOGY. A group of instructional programs that describe micro-organisms including bacteria, viruses, protista, protozoans, and certain fungi.

26.0511 Microbiology

Bacteriology

microbiological techniques; viruses; fungi; protozoans; bacteria; pathogenic organisms

26.0500 Microbiology, Other

26.06 MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES. A group of instructional programs that describe specialized areas of the life sciences not described elsewhere in life sciences.

26.0611 Ecology

biotic and abiotic factors; energy flow; mineral cycles; ecosystems; biomes

26.0621 Marine Biology

Marine Studies; Biology, Aquatic

marine science; ocean zones; seawater; habitats; marine taxonomy

26.0622 Marine Biology, Advanced

Marine Biology 2

oceanography; marine ecology; field study procedures

26.0631 Anatomy

plant structure; animal structure; tissues; organs; systems

26.0600 Miscellaneous Specialized Areas, Life Sciences, Other

26.07 ZOOLOGY. A group of instructional programs that describe animals, including their structure, reproduction, growth, heredity, evolution, behavior, and distribution.

26.0711 Zoology

animal kingdom; organ systems; dissection

26.0721 Zoology, Vertebrate

dissection techniques; vertebrate classes

26.0731 Zoology, Invertebrate

microscopy; parasitology; invertebrate phyla

26.0741 Animal Behavior

animal speciation; perceptual systems; genetics; ecology; wildlife management

26.0751 Physiology, Human

Anatomy and Physiology; Human Biology

human body; nutrition concepts; digestive system; circulatory system; nervous system; reproductive system

26.0752 Physiology, Advanced

advanced course; human body; blood chemistry; hormonal regulation; cellular and molecular respiration

26.0761 Pathology

Health Biology

disease processes; infections; systemic disorders; cancer; diabetes

26.0700 Zoology, Other

26.99 LIFE SCIENCES, OTHER. A group of instructional programs in life sciences not described above.

26.9900 Life Sciences, Other

27. MATHEMATICS. A summary of groups of instructional programs that describe the sciences of logical symbolic language and their applications.

27.01 MATHEMATICS, GENERAL. A group of instructional programs that generally describe the sciences of logical symbolic language and their applications.

27.0101 Mathematics 7

basic computational skills; problem solving techniques; fractions; decimals; measurement systems; tables and graphs

27.0102 Mathematics 7, Accelerated

junior high mathematics; two years work; increased pace; pre-algebra topics

27.0103 Mathematics 8

arithmetic; metric system; real numbers; negative numbers; ratio and proportion; exponents

27.0104 Mathematics 8, Accelerated

junior high mathematics; pre-algebra topics; increased pace

27.0105 Mathematics, Basic

Arithmetic Review; Mathematics, Remedial; Mathematics, Essentials; Mathematics Lab; Competency Mathematics

terminal course; computational skills; remedial work; simplified approach, decimals; percents; competency test

27.0106 Mathematics 1, General

Mathematics 1, Applied; Computational Skills 1

mathematical applications; whole numbers; fractions; decimals; informal geometry; statistics and graphs

27.0107 Mathematics 2, General

Mathematics 2, Applied; Computational Skills 2

society utilization; simplified algebra; income tax; graphs; basic math reinforcement; computational skills

27.0108 Science Mathematics

correlated approach; science applications; data gathering; scientific notation; measuring devices

27.0109 Mathematics in the Arts

Mathematics as a Liberal Art

mathematics appreciation; cultural approach; mathematics in art; mathematics in music

27.0110 Mathematics, Vocational

Shop Mathematics; Mathematics for Trade and Industry

practical shop problems; applied arithmetic; applied geometry; metrics; skill development

27.0111 Technical Mathematics

applied algebra and geometry; technical training; numerical trigonometry

27.0112 Mathematics Review

SAT Mathematics

college entrance exam practice; overview course; reading questions

27.0113 Mathematics Tutoring

tutoring lower levels; instructional math games; teaching profession preparation

27.0114 Consumer Mathematics

Mathematics Survival Skills

consumer arithmetic skills; solving consumer problems; taxes; household budgets

27.0100 Mathematics, Other General

27.02 ACTUARIAL SCIENCES. A group of instructional programs that describes the mathematical and statistical methodology dealing with problems of risks in insurance.

27.0200 Actuarial Sciences, Other

27.03 APPLIED MATHEMATICS. A group of instructional programs that describe the real world systems by deterministic and probabilistic models.

27.0300 Applied Mathematics, Other

27.04 PURE MATHEMATICS. A group of instructional programs that describe number, form, arrangement, and associated relationships, using rigorously defined literal numerical and operational symbols.

27.0401 Pre-Algebra

Algebra Skills; Algebra, Principles; Algebra, Introduction; Algebra, Basic; Algebra, Practical

exploratory algebra; practical applications; graphing; exponents; negative integers; simple equations

27.0402 Algebra 1, Part 1

algebra 1 over two years; reduced pace; first half of Algebra 1

27.0403 Algebra 1, Part 2

algebra 1 over two years; reduced pace; second half of Algebra 1

27.0404 Algebra 1

Algebra, Elementary

graphs, algebraic equations; radicals; linear equations; algebraic proofs; mathematical symbols

27.0405 Algebra 2

Algebra, Intermediate

polynomials; irrational numbers; verbal problems; logarithms; binomial theorem; trigonometry

27.0406 Geometry, Plane

two dimensional figures; logical proofs; area; planes; congruence; similarity

27.0407 Geometry, Solid

solids; space geometry

27.0408 Geometry

plane and solid geometry; theorems; construction problems; lines; volume; unified geometry

27.0409 Geometry, Informal

Geometry, Physical; Geometry, Intuitive; Geometry, Practical; Geometric Design; Geometry, Occupational

simplified geometry; de-emphasized proof; practical applications

27.0410 Algebra 3

Algebra, Advanced; Mathematics, Advanced; Algebra, College; Algebraic Systems

relations and functions; theory of equations; probability; complex numbers; sequences and series; college level algebra

27.0411 Trigonometry

trigonometric functions; deductive reasoning; complex numbers; radian measurement; inverse functions; trigonometric equations

27.0412 Analytic Geometry

Geometry, Advanced

conic sections; exponential functions; logarithmic functions; trigonometric functions; axis rotation

27.0413 Trigonometry and Solid Geometry

combined course; one half year trigonometry; one half year solid geometry

27.0414 Algebra and Trigonometry

integrated course; advanced algebra topics; complex numbers; trigonometry; theory of equations

27.0415 Algebra and Analytic Geometry

integrated course; advanced algebra topics; analytic geometry

27.0416 Analysis, Introductory

Mathematical Analysis; Pre-Calculus; Elementary Functions; Limits and Functions; Analysis, Elementary

pre-calculus course; analytic geometry; limits; derivatives; quadratic functions

27.0417 Linear Algebra

Matrix Algebra; Algebra, Honors

matrices; solving linear systems; vector space; modern algebra topics; analytic geometry

27.0418 Calculus and Analytic Geometry

combined course; half year calculus; half year analytic geometry

27.0419 Calculus

differential and integral calculus; analytic geometry topics; limits; functions

27.0420 Calculus, Advanced Placement

Mathematics, Advanced Placement; Mathematics, Honors

college level; calculus; analytic geometry; integrals; logarithmic functions; transcendental functions

27.0421 Mathematics 1, Unified

unified approach; logic; algebra; geometry; trigonometry; probability

27.0422 Mathematics 2, Unified

unified approach; logic; algebra; geometry; trigonometry; probability

27.0423 Mathematics 3, Unified

unified approach; logic; algebra; geometry; trigonometry; probability

27.0424 Mathematics, Independent Study

Mathematics Strategies; Mathematics Topics; Mathematics, Competitive; Mathematics, Enrichment; Mathematics Seminar

advanced studies; problem solving techniques; logic; number theory; math team

27.0400 Pure Mathematics, Other

27.05 STATISTICS. A group of instructional programs that describe the probabilistic models involving a finite number of outcomes and the science of collecting, describing, and interpreting numerical data.

27.0511 Statistics

statistics fundamentals; probability theory; prediction

27.0521 Probability

probability theory; permutations; binomial theorem

27.0531 Probability and Statistics

probability theory; statistics fundamentals; survey analysis

27.0500 Statistics, Other

27.99 MATHEMATICS, OTHER. A group of instructional programs in mathematics not described above.

27.9900 Mathematics, Other

28. MILITARY SCIENCES. A summary of groups of instructional programs that describe the causative factors and tactical principles of warfare, armed conflict, and defense.

28.01 AEROSPACE SCIENCE (AIR FORCE). A group of instructional programs that describe the purpose and objectives of the United States Air Force and all its branches, its rank structure, its customs and traditions, and its importance in national defense and security.

28.0111 Aerospace Education 1

Air Science 1

leadership training for Air Force; flight history; military drill

28.0112 Aerospace Education 2

Air Science 2

aircraft flight; propulsion systems; navigation leadership laboratory

28.0113 Aerospace Education 3

Air Science 3

aerospace industry; national defense; space flight leadership laboratory

28.0121 Civil Air Patrol

aerospace; moral leadership; military drill

28.0100 Aerospace Science (Air Force), Other

28.02 COAST GUARD SCIENCE. A group of instructional programs that describe the purpose and objectives of the United States Coast Guard and all its branches, its rank structure, its customs and traditions, and its importance in national defense and security.

28.0200 Coast Guard Science, Other

28.03 MILITARY SCIENCE (ARMY). A group of instructional programs that describe the purpose and objectives of the United States Army and all its branches, its rank structure, its customs and traditions, and its importance in national defense and security.

28.0311 Army Leadership Development, Introduction

Army ROTC 1

organization of the Army; leadership laboratory

28.0312 Army Intermediate Leadership Development

Army ROTC 2

marksmanship; military instruction methods; map reading; leadership laboratory

28.0313 Army Applied Leadership Development

Army ROTC

small unit problems; leadership psychology; group behavior; leadership laboratory

28.0314 Army Advanced Leadership Development

Army ROTC 4

application of leadership principles; leadership laboratory

28.0300 Military Science (Army), Other

28.04 NAVAL SCIENCE (NAVY, MARINES). A group of instructional programs that describe the purpose and objectives of the United States Navy and Marine Corps and all its branches, its rank structure, its customs and traditions, and its importance in national defense and security.

28.0411 Naval Science 1

seapower; naval history; seamanship; leadership laboratory

28.0412 Naval Science 2

meteorology; oceanography; rules of the nautical road; navigation; leadership laboratory

28.0413 Naval Science 3

celestial navigation; astronomy; naval communications; leadership laboratory

28.0414 Naval Science 4

advanced navigation; communications; leadership laboratory

28.0421 Marine Corps Leadership Education 1

introduction to leadership; key to success; leadership laboratory

28.0422 Marine Corps Leadership Education 2

military orientation; map reading; leadership laboratory

28.0423 Marine Corps Leadership Education 3

leadership application; marksmanship; leadership laboratory

28.0424 Marine Corps Leadership Education 4

advanced leadership education; leadership laboratory

28.0400 Naval Science (Navy, Marines), Other

28.99 MILITARY SCIENCES, OTHER. A group of instructional programs in military sciences not described above.

28.9900 Military Sciences, Other

29. MILITARY TECHNOLOGIES. A summary of groups of instructional programs that prepare individuals to undertake the broad range of technical tasks required to keep the armed forces combat ready. Programs stress specialized, practical knowledge related to the mechanical, scientific, or technical aspects of military science in a variety of areas such as military communications and weapons systems.

29.01 MILITARY TECHNOLOGIES. A group of instructional programs that prepare individuals to undertake the broad range of technical tasks required to keep the armed forces combat ready. Programs stress specialized, practical knowledge related to the mechanical, scientific, or technical aspects of military science in a variety of areas such as military communications and weapons systems.

29.0100 Military Technologies, Other

30. MULTI/INTERDISCIPLINARY STUDIES. A summary of groups of instructional programs, the components of which, derive from two or more separate conventional academic instructional programs.

30.01 BIOLOGICAL AND PHYSICAL SCIENCES. A group of instructional programs that describe either a general synthesis of one or more of the biological and physical sciences (for example, applied science or general science), or a specialization which draws from the biological and physical sciences (for example, environmental science/studies).

30.0111 Science, Unified

Science, Basic; Science, General; Science Ideas; Science Workshop; Science, Applied; Physical and Life Science

survey course; life sciences; chemistry; physics; multidisciplinary approach; simplified approach

30.0121 Science Study, Independent

Science Investigations; Science Research Techniques

individualized science study; discovery learning; hypothesis development; independent field research

30.0131 Outdoor Education

resident camp; environmental study; science field experiences; interdisciplinary approach

30.0100 Biological and Physical Sciences, Other

30.02 CLINICAL PASTORAL CARE. A group of instructional programs that describe the methods, theories, and techniques of providing care and counseling through the relationship of theology to the practice of the ministry.

30.0200 Clinical Pastoral Care, Other

30.03 ENGINEERING AND OTHER DISCIPLINES. A group of instructional programs that describe either a general synthesis of one or more of the engineering and other disciplines (for example, engineering and mathematics, or engineering and physics), or a specialization which draws from engineering and other disciplines.

30.0311 Engineering Concepts

Introduction to the engineering approach; technical problem solving; mathematical modeling; bridge building; environmental control

30.0300 Engineering and Other Disciplines, Other

30.04 HUMANITIES AND SOCIAL SCIENCES. A group of instructional programs that describe either a general synthesis of one or more of the humanities and social sciences (for example, humanities), or a specialization which draws from the humanities and social sciences (for example, behavioral science, classical civilization, or human development).

30.0411 Humanities

People and Their Culture

Integration of history and literature; combination of literature, music and art of a selected period; interdisciplinary study of social sciences, anthropology, geography, history, psychology

30.0421 Humanities, European

Humanities of Western Civilization

art, philosophy, music, literature integration; nationalistic, humanitarian, political, technological revolutions through art, music, literature of past 200 years in Europe

30.0431 Humanities, American

art, philosophy, music, literature of the Americas

30.0441 Humanities, African

art, philosophy, music, literature, history of Africa; interdisciplinary study

30.0451 Humanities, Near East and Far East

art, philosophy, music, literature, history of the Near and Far East; interdisciplinary study

30.0400 Humanities and Social Sciences, Other

30.05 PEACE STUDIES. A group of instructional programs that describe the peace development process including the analysis of peace and war systems, dispute settlement techniques, social movements, working for creative change, world order studies, and conflict analysis and regulation.

30.0500 Peace Studies, Other

30.06 SYSTEMS SCIENCE. A group of instructional programs that describe a multidisciplinary approach to the study of innate complexity which by synthesizing systemic findings from the natural, social, technological, behavioral and life sciences, and other specialized fields brings holistic perspectives to the solution of problems within a general context.

30.0611 Futuristics

Science Technology and the Future; History of the Future; Future Worlds

impact of science and technology; future man; political, social economic issues; man machine interaction; forecasting

30.0621 Environmental Science

Environmental Issues; Human Communities; People Technology and the Environment

water pollution; conservation; forestry; air pollution

30.0631 Energy and Environment

energy courses; energy conservation; energy utilization; environmental issues; alternative energy sources

30.0600 Systems Science, Other

30.07 WOMEN'S STUDIES. A group of instructional programs that describe the history, society, politics, culture, and economics of women.

30.0711 Women's Studies

Women in American Society

role of American woman; colonial period to the present; women in art, literature, business, politics, education, science

30.0721 Women's Studies in Literature

the study of fiction and non-fiction by and about women

30.0700 Women's Studies, Other

30.99 MULTI/INTERDISCIPLINARY STUDIES, OTHER. A group of instructional programs in multi-interdisciplinary studies not described above.

30.9900 Multi/Interdisciplinary Studies, Other

31. PARKS AND RECREATION. A summary of groups of instructional programs that describe the principles and procedures of providing parks and recreational facilities and services for the benefit of the general public.

31.01 PARKS AND RECREATION, GENERAL. A group of instructional programs that generally describe the principles and procedures of providing parks and recreational facilities and services for the benefit of the general public.

31.0111 Recreation Aide

recreation program assistance

31.0100 Parks and Recreation, Other General

31.02 OUTDOOR RECREATION. A group of instructional programs that describe the establishing, maintaining, and operating of recreational facilities.

31.0200 Outdoor Recreation, Other

31.03 PARKS AND RECREATION MANAGEMENT. A group of instructional programs that prepare individuals to plan and maintain recreational facilities and programs for public or private agencies.

31.0300 Parks and Recreation Management, Other

31.04 WATER RESOURCES. A group of instructional programs that describe the physical, biological, and social sciences and practices which are essential to the understanding and management of water resources for optimum yield and use, as well as conservation.

31.0400 Water Resources, Other

31.99 PARKS AND RECREATION, OTHER. A group of instructional programs in parks and recreation not described above.

31.9900 Parks and Recreation, Other

32. BASIC SKILLS. A summary of groups of instructional programs that describe the fundamental skills a person is normally thought to need in order to function productively in society.

32.01 BASIC SKILLS, OTHER. A group of instructional programs that describe the fundamental skills a person is normally thought to need in order to function productively in society.

32.0101 Recordkeeping, Personal

Home Finance

personal bookkeeping skills; simple business records; personal finance

32.0102 Career Preparation

So You Want A Job; Business Opportunities; Job Entry Training; College and Career Planning; Guidance

job application; interviewing; promotional opportunities; work ethic; test taking; educational requirements

32.0103 Career Exploration

Vocations, Introduction; Career Development; Work Observational Experience; Career Education; Occupational Exploratory Program

business community exploration; career observation; unpaid experiences; site visits; career planning

32.0104 Work Experience

Job Entry

employment skills; vocational instruction; job placement; unpaid experiences; short term training

32.0105 Work Experience, Advanced

Job Training

advanced experiences; vocational instruction; job placement; unpaid experiences; employment skills; short term training

32.0106 Cooperative Education 1

Vocational Cooperative Program; Cooperative Training, Diversified

paid vocational training; full learning experience; job placement

32.0107 Cooperative Education 2

advanced experience; paid vocational training

32.0108 Mathematics for Employment

Work Experience Mathematics

test taking techniques; basic mathematical skills; mathematical shortcuts; vocational applications; employment exams

32.0109 Reading Development 1

Reading Improvement; Reading, Remedial

reading difficulties; skill acquisition; reading techniques; remediation; word attack

32.0110 Reading Development 2

reading difficulties; continued skill building; student needs diagnosis

32.0111 Speed Reading

reading rate improvement; scanning; critical reading; research strategies; skill development

32.0112 Speech, Developmental

remedial oral communication; self-appraisal; speech apparatus

32.0113 Language, Developmental

remedial instruction; oral communication; written communication; visual communication; non-English speaking students

32.0114	Voice, Developmental remedial instruction; self correction; voice patterns
32.0115	Word Study, Remedial vocabulary improvement; pronunciation; prefixes; root meanings
32.0116	Speedwriting Shorthand for College; Notetaking, College; Notehand personal use notetaking; rapid writing
32.0117	Study Dynamics study skill improvement; notetaking; research paper preparation
32.0118	English, Functional Minimum Standards Review; English, Personal; Career Communications survival skills; writing; reading; job hunting; forms completion; remedial work
32.0119	Contemporary Issues, Basic Skills modern social, economic and political issues; contemporary conflicts; government structure and function; problem solving techniques
32.0100	Basic Skills, Other

33. CITIZENSHIP/CIVIC ACTIVITIES. A summary of groups of instructional programs that describe how individuals can facilitate governmental functions and contribute to the well-being of their community through civic action.

33.01 CITIZENSHIP/CIVIC ACTIVITIES. A group of instructional programs that describe how individuals can facilitate governmental functions and contribute to the well-being of their community through civic action.

33.0111 Student Assistant

Teacher Assistant; Laboratory Assistant; Teacher Cadet; Office Aide; Instructional Assistant; Clerical Aide; School Service

school service; background enrichment; teacher support; bulletin board maintenance

33.0121 Pep Squad

Cheerleading

rallies; competitions; athletic event performance

33.0131 Student Government

Assembly

school communications; school activities; class representation

33.0141 Tutoring

Peer Tutoring

practical tutoring experience; assisting classmates; class environment development; materials production

33.0151 Community Service

Community Involvement

volunteer program; community agencies; experiential learning

33.0161	United States History, Remedial chronological U.S. history; elementary reading level; current events; map understanding; citizenship training
33.0100	Citizenship/Civic Activities, Other

34. HEALTH RELATED ACTIVITIES. A summary of groups of instructional programs that describe the promotion of the health of individuals.

34.01 HEALTH RELATED ACTIVITIES. A summary of groups of instructional programs that describe the promotion of the health of individuals.

34.0111 Physical and Health Education 7

Physical Education 7

health attitudes; safety; sportsmanship; team play

34.0112 Physical and Health Education 8

Physical Education 8

health attitudes; safety; sportsmanship; team play

34.0113 Physical and Health Education 9

Physical Education 9; Health Safety and Physical Education 9

dual sports; team sports; skill mastery; game rules

34.0114 Physical Education 10

Health Safety and Physical Education 10

individual lifetime sports; physical fitness; group sports

34.0115 Physical Education 11

Health Safety and Physical Education 11

individual lifetime sports; physical fitness; group sports

34.0116 Physical Education 12

Health Safety and Physical Education 12

individual lifetime sports; physical fitness; group sports

34.0121 Physical Education, Adaptive

non-regular program; muscle imbalance; posture problems; breathing problems; motor disabilities

34.0131 Health 7

Health Science 7

body care; disease prevention; body functions; narcotics; safety practices

34.0132 Health 8

Health Science 8

body care; disease prevention; body functions; narcotics; safety practices

34.0133 Health 9

Health Science 9

body care; disease prevention; body functions; narcotics; safety practices

34.0134 Health 10

Health Science 10

body care; disease prevention; body functions; narcotics; safety practices

34.0135 Health 11

Health Science 11

body care; disease prevention; body functions; narcotics; safety practices

34.0136 Health 12

Health Science 12

body care; disease prevention; body functions; narcotics; safety practices

34.0141 Drugs Alcohol and Tobacco

drug education; narcotics; alcoholism; tobacco use

34.0151 Driver Education, Classroom

Traffic Safety

safe driving theory; in class study; driving hazards

34.0152 Driver Education, Practice

behind the wheel experience; safety practices

34.0161 Physical Education Leadership Training

Gym Aide

child development; health education; physical education; teaching techniques

34.0171 Life Saving

swimming rescues; equipment rescues; respiratory emergencies

34.0181 Safety

safety practices; daily living situation

34.0191 Sex Education

Human Sexuality and Reproduction

human physiology; reproduction; family planning

34.0100 Health-Related Activities, Other

35. INTERPERSONAL SKILLS. A summary of groups of instructional programs that describe how to effectively live and interact with others, social organization, being a congenial friend and companion, establishing courses of action for others, and influencing others to follow.

35.01 INTERPERSONAL SKILLS

35.0111 Interpersonal Relationships

personal roles; individual in society

35.0121 Building Human Relationships

values clarification; communication skills; meeting individual and shared goals and needs

35.0100 Interpersonal Skills, Other

36. LEISURE AND RECREATIONAL ACTIVITIES. A summary of groups of instructional programs that decribe the development of an appreciation for and competency in recreational and leisure-related activities.

36.01 LEISURE AND RECREATIONAL ACTIVITIES. A group of instructional programs that describe the development of an appreciation for and competency in recreational and leisure-related activities.

36.0111 Sports, Individual

badminton; tennis; skiing; surfing; golf; wrestling

36.0121 Sports, Team

basketball; volleyball; hockey; baseball; football; soccer

36.0131 Gymnastics

tumbling; floor exercise; heavy apparatus

36.0141 Drill Team

Band Physical Education; Color Guard

precision marching; choreography; rhythm; flag corps

36.0151 Track and Field

running; jumping; throwing; cross country

36.0161 Aquatics

water activities; synchronized swimming; scuba

36.0171 Conditioning and Athletics

Fitness; Figure Control; Weight Training and Body Development; Physical Training

physical training; weight training; rope skipping; figure toning; body conditioning

36.0181 Motorcycle Operation

motorcycling; safety practices; recreational cycling

36.0191 Recreational Activities

Avocational Experience

outdoor hobbies; camping; hiking; survival skills

36.0100 Leisure and Recreational Activities, Other

37. PERSONAL AWARENESS. A summary of groups of instructional programs that describe a person's self-perception, values, attitudes, beliefs, and emotional responses.

37.01 PERSONAL AWARENESS. A group of instructional programs that describe a person's self-perception, values, attitudes, beliefs, and emotional responses.

37.0111 Personal Development Techniques

Personal Grooming and Fashion; Personal Management; Personal Culture; Youth and Decisions; Teens Today; Human Studies; Self Development

personal awareness; beauty techniques; self confidence; goal setting; time management

37.0121 Coping with Personal Problems

Personal Adjustment

adjusting to problems; divorce; stress; test anxiety; sexual relations

37.0131 Self Perception

Self Image

building a positive self image; barriers

37.0100 Personal Awareness, Other

38. PHILOSOPHY AND RELIGION. A summary of groups of instructional programs that describe the critical examination of the categories for describing reality, the nature and contexts of human experience, the methodology of rational inquiry and criteria of practice (Philosophy); and the investigation of organized forms, beliefs, and practices related to eternal principles or transcendent spiritual entities (Religion).

38.01 PHILOSOPHY. A group of instructional programs that describe the basic truths and principles of being, and of knowledge, or conduct in such fields as ethics, metaphysics, and logic.

38.0111 Philosophy

Systems of Philosophy; Philosophy Seminar

elementary logic; study of famous philosophers; Plato; Aristotle; Descartes

38.0121 Ethics

study of what is right or good conduct

38.0131 Logic

English Language, Logic and Reason; Clear Thinking

principles of argumentation and logical reasoning; analysis and interpretation of data

38.0141 Epistemics

criticism of the way one observes, listens, reads, thinks, talks

38.0151 Social Justice Issues

Peace and Social Justice

study of social issues; nursing homes; mentally impaired treatment; pre-schools and child care

38.0100 Philosophy, Other

38.02 RELIGION. A group of instructional programs that describe the origin, histories, organized forms, beliefs, worship, and practices of specific religions.

38.0201 Catholicism, Foundations

Ritual and Symbol

doctrine development; church history

38.0202 Who is Jesus

Person of Jesus

study of the life of Christ; Gospels

38.0203 Scripture

Testaments, Old and New; Christian and Hebrew Scriptures; Bible Studies

life of Christ; Old Testament and New Testament, analysis and interpretation

38.0204 Moral Issues, Social and Individual

Moral Thought and Decision Making

study of Judeo-Christian principles and ways of making decisions; social issues such as nuclear power, civil rights, aging; individual rights such as sexuality, drug and alcohol use

38.0205 Marriage, Life Choices in Christian Living

Christian Sexuality and Marriage; Alternative Christian Lifestyles

marriage contracts as espoused in Christianity

38.0206 Comparative Religion

Comparative Religion and Philosophical Systems

comparison of Hindu, Buddhist, Islamic, Judaic, Christian values and beliefs

38.0207 Sacraments

study of Baptism; Confirmation; Eucharist; Penance; Ordination; Marriage; Extreme Unction

38.0208 Eastern Religious Thought

Religions of the East from Hinduism to Zen

history, beliefs, practices

38.0209 Religion and Psychology

Interrelationship of religion and psychology

38.0210 Western Religions

Religious Development in the West

study of Judaism, Christianity, and Islam history, beliefs, practices

38.0211 Religion and Literature

study of religious themes in literature

38.0212 Religion, Introduction

study of religion as a human phenomenon; skills with which to study religion

38.0213 Prayer and Liturgy

study of role of personal and corporate worship experiences

38.0214 Judaism, Foundations

doctrine development; Jewish history and philosophy

38.0200 Religion, Other

38.99 PHILOSOPHY AND RELIGION, OTHER. A group of instructional programs in philosophy and religion not described above.

38.9900 Philosophy and Religion, Other

39. THEOLOGY

39.01 BIBLICAL LANGUAGES

39.0100 Biblical Languages, Other

39.02 BIBLE STUDIES

39.0200 Bible Studies, Other

39.03 MISSIONARY STUDIES

39.0300 Missionary Studies, Other

39.04 RELIGIOUS EDUCATION

39.0400 Religious Education, Other

39.05 RELIGIOUS MUSIC

39.0500 Religious Music, Other

39.06 THEOLOGICAL STUDIES

39.0611 Theological Studies
study of Christian and Jewish theologians

39.0600 Theological Studies, Other

39.99 THEOLOGY, OTHER

39.9900 Theology, Other

40. PHYSICAL SCIENCES. A summary of instructional programs that describe inanimate objects, processes of matter, energy, and associated phenomena.

40.01 PHYSICAL SCIENCES, GENERAL. A group of instructional programs that generally describe the major topics, concepts, processes, and interrelationships of nonliving matter and associated phenomena.

40.0111 Science 8

Physical Science 8

basic physical science; chemistry; physics; laboratory experimentation

40.0121 Physical Science

Science 9; Chemistry and Physics

introductory course; basic scientific principles; chemistry; physics; structure of matter; scientific observation

40.0131 Chemistry and Physics Laboratory Techniques

career oriented; chemistry; physics; laboratory experimentation

40.0141 Physical Science, Applied

non-college oriented; practical applications; chemistry; physics

40.0100 Physical Sciences, Other General

40.02 ASTRONOMY. A group of instructional programs that describe matter and energy in the universe, including the solar system, stars, galaxies, and nebulae.

40.0211 Astronomy

astronomical principles; stars; planets; galaxies

40.0200 Astronomy, Other

40.03 ASTROPHYSICS. A group of instructional programs that describe the physical and chemical composition of celestial bodies, and of the interactions between matter and radiation within celestial bodies and in intersellar space.

40.0300 Astrophysics, Other

40.04 ATMOSPHERIC SCIENCES AND METEOROLOGY. A group of instructional programs that describe the chemical and physical properties of the mass of air surrounding the earth, and weather, including air masses and their motions, temperature, atmospheric pressure, clouds, and precipitation, and their relatively short-term interrelation on local, regional, and global scales.

40.0411 Meteorology

weather; atmosphere; clouds; frontal weather conditions

40.0400 Atmospheric Sciences and Meteorology, Other

40.05 CHEMISTRY. A group of instructional programs that describe the micro and macro structure of matter, of the changes matter undergoes, of the energy involved in these changes, and of the models that interpret and the theories and laws that describe these phenomena.

40.0511 Chemistry, Introductory

Chemistry, General; Chemistry, Fundamentals; Chemistry Concepts; Chemistry, Interdisciplinary

survey course; changes in composition; mole concept; oxidation and reduction; laboratory experiments; practical approach

40.0521 Chemistry 1

Chemistry, College Preparatory; Chemistry; Chemistry, Regents; Chem Study

college prep; problem solving techniques; bonding; equilibrium; equation writing

40.0522 Chemistry 2

Chemistry, Advanced; Chemistry, Advanced Placement

college level; structure of matter; chemical kinetics; solution chemistry; laboratory techniques

40.0531 Organic Chemistry

Organic Biochemistry

carbon compounds; stereochemistry; organic reactions; proteins

40.0541 Physical Chemistry

thermodynamics; quantum mechanics; atomic structure; bonding

40.0551 Consumer Chemistry

Chemistry, Applied

synthetic materials; industry and environment; household chemicals; consumer applications

40.0561 Chemistry, Independent Study

advanced chemistry; independent projects

40.0500 Chemistry, Other

40.06 GEOLOGICAL SCIENCES. A group of instructional programs that describe the history of the earth and other celestial bodies, especially as recorded in rocks.

40.0611 Earth Science

Earth Science 9; Earth Science, General

survey course; geology; astronomy; meterology; fossils

40.0621 Earth Science, College Preparatory

accelerated course; earth environment; continental development; sedimentation; climate systems

40.0631 Geology

erosion; glaciation; mountain formation; diastrophism

40.0641 Mineralogy

minerals study; rock formation; field experiences

40.0600 Geological Sciences, Other

40.07 MISCELLANEOUS PHYSICAL SCIENCES. A group of instructional programs that describe specialized areas of the physical sciences not reflected in the other physical sciences groupings.

40.0711 Oceanography

ocean landscapes; waves; currents; ocean ecology; estuaries

40.0700 Miscellaneous Physical Sciences, Other

40.08 PHYSICS. A group of instructional programs that describe the physical properties and interactions of matter and energy, including equilibrium, power, wave phenomena, mechanics, heat, electricity, magnetism, sound, light, special relatively, and the particular nature of matter.

40.0811 Physics, General

Physics Concepts; Physics, Applied

survey course; motion; energy; gravity; major concepts in physics

40.0821 Physics 1

Physics, Regents; Physics, College

mechanics; wave motion; nuclear physics; electricity; energy; problem solving

40.0822 Physics 2

Physics, Advanced; Physics, Advanced Placement; Physics, Honors

advanced course; mechanics; electricity; waves; vector analysis; astrophysics

40.0831 Physics 2 without Calculus

advanced course; mechanics, electricity, waves; vector analysis; astrophysics; no calculus required

40.0841 Electricity and Electronics Science

Electronics Science

science oriented course; electrical and electronic theory; electromagnetism; power supplies

40.0851 Acoustics

Physics of Sound

sound and wave theory; nature of sound; amplification

40.0800 Physics, Other

40.09 PLANETARY SCIENCE. A group of instructional programs that describe the geology of planets other than the earth.

40.0911 Rocketry and Space Science

Space Science

rocket flight; space travel; planetary geology

40.0900 Planetary Science, Other

40.99 PHYSICAL SCIENCES, OTHER. A group of instructional programs in the physical sciences not described above.

40.9900 Physical Sciences, Other

41. SCIENCE TECHNOLOGIES

41.01 BIOLOGICAL TECHNOLOGIES

41.0100 Biological Technologies, Other

41.02 NUCLEAR TECHNOLOGIES

41.0200 Nuclear Technologies, Other

41.03 PHYSICAL SCIENCE TECHNOLOGIES

41.0300 Physical Science Technologies, Other

41.99 SCIENCE TECHNOLOGIES, OTHER

41.9900 Science Technologies, Other

42. PSYCHOLOGY. A summary of groups of instructional programs that describe the behavior and experience of people.

42.01 PSYCHOLOGY, GENERAL. A group of instructional programs that describe the behavior and experience of people.

42.0111 Psychology

Behavioral Sciences, Introduction; Human Behavior

Introduction to behavior; personality; mental illness; intelligence; sensation; culture

42.0112 Psychology, Advanced

In-depth study; learning; mental health; social psychology

42.0100 Psychology, Other General

42.02 CLINICAL PSYCHOLOGY. A group of instructional programs that describe the application of appropriate methods and theories selected from psychology and other fields as they relate to dealing with the troubled person.

42.0200 Clinical Psychology, Other

42.03 COGNITIVE PSYCHOLOGY. A group of instructional programs that describe the acquisition and recall of new behaviors, and of the processes of learning new activities, and of retaining them through time.

42.0311 Psychology of Learning

verbal/conceptual growth; conditioning; modeling; theories of learning

42.0321 Educational Psychology

theories of education and learning; learning techniques

42.0300 Cognitive Psychology, Other

42.04 COMMUNITY PSYCHOLOGY. A group of instructional programs that describe the theory and practice of using psychologists, and psychological facts in psychological work not in the academic, school, and clinical contexts, but rather in the broader social community, working with private and public organizations.

42.0400 Community Psychology, Other

42.05 COMPARATIVE PSYCHOLOGY. A group of instructional programs that describe the behavior of members of particular species, and the relationship of the behaviors of the species to their evolutionary origins.

42.0500 Comparative Psychology, Other

42.06 COUNSELING PSYCHOLOGY. A group of instructional programs that describe the theory and practice of systematically selecting the facts and theories of psychology with the intent of advising people about their problems.

42.0600 Counseling Psychology, Other

42.07 DEVELOPMENTAL PSYCHOLOGY. A group of instructional programs that describe progressive changes in the behavioral processes of individuals as a function of aging through the life span, from conception to death.

42.0711 Child Psychology

perceptual, cognitive, linguistic, social and personality development; birth through childhood

42.0721 Adolescent Psychology

Adolescent Development

maturation; psycho-physiological changes

42.0731 Adjustment Psychology

change and behavior; stress management; developmental adjustments

42.0700 Developmental Psychology, Other

42.08 EXPERIMENTAL PSYCHOLOGY. A group of instructional programs that describe the general body of methods, data, and laws that have been derived by scientific research, including theoretical and systematic points of view applicable to the prediction, control, and understanding of the behavior of individual human organisms and other species.

42.0800 Experimental Psychology, Other

42.09 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY. A group of instructional programs that describe the application of psychological knowledge and methodology to specific work-related problems in industry and government.

42.0900 Industrial and Organizational Psychology, Other

42.10 PERSONALITY PSYCHOLOGY. A group of instructional programs that describe the unique organization of the fairly permanent characteristics that set the individual apart from other individuals and, at the same time, determine how others respond to that person.

42.1011 Historical Personalities and Ideas

great personalities; greatness characteristics; human potential; psychohistory

42.1021 Humanistic Psychology

theories of personal growth; self development; self-image and behavior

42.1000 Personality Psychology, Other

42.11 PSYSIOLOGICAL PSYCHOLOGY. A group of instructional programs that describe the processes that determine what actions will occur at a particular time, and the strength or precision with which those actions will occur.

42.1100 Physiological Psychology, Other

42.12 PSYCHOLINGUISTICS. A group of instructional programs that describe the psychology of language, including the behavorial processes that enter into the generation of speech and writing, and the understanding of both spoken and written languages.

42.1200 Psycholinguistics, Other

42.13 PSYCHOMETRICS. A group of instructional programs that describe the mathematical and statistical procedures used in psychological test construction and validation, and of the general problems of the measurement of behavior.

42.1300 Psychometrics, Other

42.14 PSYCHOPHARMACOLOGY. A group of instructional programs that describe the changes in behavior that occur as a function of drug-ingestion, and the psychological processes associated with such changes, including altered states of consciousness and addiction.

42.1411 Psychopharmacology

drugs; neurophysiological aspects; pharmacochemical aspects; nervous system; chemical foundations of behavior

42.1400 Psychopharmacology, Other

42.15 QUANTITATIVE PSYCHOLOGY. A group of instructional programs that describe the application of mathematical and statistical models and methodology in psychology.

42.1500 Quantitative Psychology, Other

42.16 SOCIAL PSYCHOLOGY. A group of instructional programs that describe the behavior of the individual as a member of a group, and of the processes of associating individuals together.

42.1611 Social Psychology

study of the individual in a social context; interpersonal interaction

42.1600 Social Psychology, Other

42.99 PSYCHOLOGY, OTHER. A group of instructional programs in psychology not described above.

42.9900 Psychology, Other

43. PROTECTIVE SERVICES. A summary of groups of instructional programs that describe the principles and procedures for providing police, fire, and other safety services, and for managing penal institutions.

43.01 CRIMINAL JUSTICE. A group of instructional programs that describe the principles and procedures of developing, administrating, and managing correctional, law enforcement, and forensic services.

43.0111 Law Enforcement

Police Science

causes of crime; search and arrest; trial procedures

43.0121 Law Science

Forensic Studies

application of medical facts to legal problems

43.0100 Criminal Justice, Other

43.02 FIRE PROTECTION. A group of instructional programs that describe the theories, principles, and techniques of developing, administrating, and managing services for fire prevention, fire fighting, and rescue.

43.0211 Fire Fighting Practices

Fire Science

protective breathing apparatus; forcible entry practices; use of rope, fire hose, nozzles and appliances

43.0221 Fire Safety Education

self protection; home exit routes; fire safety practices

43.0200 Fire Protection, Other

43.99 PROTECTIVE SERVICES, OTHER. A group of instructional programs in protective services not described above.

43.9900 Protective Services, Other

44. PUBLIC AFFAIRS. A summary of groups of instructional programs that describe the formulation, implementation, administration, evaluation, and management of public policies and programs, including those services which are directed toward the betterment of economic and social conditions.

44.01 PUBLIC AFFAIRS, GENERAL. A group of instructional programs that generally describes the formulation, implementation, administration, evaluation, and management of public policies and programs, including those services which are directed toward the betterment of economic and social conditions.

44.0100 Public Affairs, Other General

44.02 COMMUNITY SERVICES. A group of instructional programs that describe the theories, methods, and techniques of combining school and community resources to provide information, instruction, and recreation to all members of a community.

44.0200 Community Services, Other

44.03 INTERNATIONAL PUBLIC SERVICE. A group of instructional programs that describe the principles and theories underlying the structure and processes of major international organizations, such as the United Nations and the Organization of American States.

44.0300 International Public Service, Other

44.04 PUBLIC ADMINISTRATION. A group of instructional programs that describe the knowledge, skills, values, and behaviors involved in the formulation of public policies and the management of public services.

44.0400 Public Administration, Other

44.05 PUBLIC POLICY STUDIES. A group of instructional programs that describe the principles and techniques by which systematic judgements and evaluative assessments are made with respect to particular public policy.

44.0500 Public Policy Studies, Other

44.06 PUBLIC WORKS. A group of instructional programs that describe the role of the government in constructing, maintaining, and providing structures and utilities for use by the general public.

44.0600 Public Works, Other

44.07 SOCIAL WORK. A group of instructional programs that describe the social interventions that enhance, conserve, and augment the means by which persons, individually or collectively, can solve disruptions in their social existence.

44.0711 Human Services

social work; day care centers; nursing homes; crisis centers

44.0700 Social Work, Other

44.99 PUBLIC AFFAIRS, OTHER. A group of instructional programs in public affairs not described above.

44.9900 Public Affairs, Other

45. SOCIAL SCIENCES. A summary of groups of instructional programs that describe the substantative portions of behavior, past and present activities, interactions, and organizations of people associated together for religious, benevolent, cultural, scientific, political, patriotic, or other purposes.

45.01 SOCIAL SCIENCES, GENERAL. A group of instructional programs that generally describe the major principles and perspectives of the social sciences.

45.0111 Social Science, Introduction

Social Studies, Introduction; Social Studies Skills

social science branches; research methods; social studies preparation

45.0121 Social Science, Advanced Theory and Research

social science theory and methodology; primary and secondary literature sources

45.0131 Social Science Seminar

student discussion and reading group; topical research; analysis of literature and research

45.0141 Social Studies, Independent Study

Social Studies, Independent Research; Social Studies, Independent Reading

independent research and reading; writing advanced level paper

45.0100 Social Sciences, Other General

45.02 ANTHROPOLOGY. A group of instructional programs that describe the historic and prehistoric origins of man, his physical and cultural development, racial characteristics, social customs, and beliefs.

45.0211 Anthropology

cultural origins; cultural behaviors; race, religion, sex roles, family groups, institutions, and economic status; ethnology and linguistics

45.0221 Comparative Cultural Patterns

Multicultural Education; Cultural Pluralism

cross-cultural behavior patterns; relationships among world societies; understanding self through cultural analysis

45.0231 Anthropology, Myth and Magic

religion and magic; cultural differences

45.0241 Cultural Anthropology, Research

components of culture; original scholarly works; individual anthropological study; culture and personality; observation and collection of data

45.0200 Anthropology, Other

45.03 ARCHAEOLOGY. A group of instructional programs that describe the historic and prehistoric peoples and their culture through the scientific analysis of their artifacts, inscriptions, monuments, and other remains.

45.0311 Archaeology

historic and prehistoric peoples; scientific artifact analysis

45.0300 Archaeology, Other

45.04 CRIMINOLOGY. A group of instructional programs that describe the causes of crime and the methods of detecting and dealing with crime and the criminal, including crime statistics, theories of punishment, and the role of law enforcement in society as an agent for the prevention and treatment of crime.

45.0400 Criminology, Other

45.05 DEMOGRAPHY. A group of instructional programs that describe the vital social statistics, including births, deaths, diseases, marriages, and education rates of populations.

45.0511 Population Education

United States Census

purpose of census; analysis and effects of use of census data

45.0500 Demography, Other

45.06 ECONOMICS. A group of instructional programs that describe the transformation of limited resources into goods and services which, upon distribution, are again transformed by consumption to yield satisfaction of human wants.

45.0601 Economics, Theory

Economics 1; Economics; Economics, Basic

banks, profits, corporations, unions, money, GNP; consumer protection laws; American and other systems; personal income tax; production and distribution; scarcity and demand

45.0602 Economics and Economic Problems

Economics for Today and the Future; Economics 2; American Economy; Free Enterprise; Economics Now; Comparative Economics

contemporary American economic problems; comparative economic systems; business and labor issues; Federal Reserve System

45.0603 Consumer Economics

Consumer and the Economy; Economics and the Consumer

banking and investment; advertising; insurance; consumer protection; domestic and consumer economics; consumer citizenship

45.0604 Filing Your Income Taxes

Income Taxes

current United States tax structure; correct filing procedures

45.0605 Insurance Theory

technical terms; varieties; individual insurance requirements

45.0606 Investment Economics

stock market; investment theory; commodities; money market funds; bonds; portfolio development

45.0607 Television and Economics

study of American economy; media presentation and interpretation

45.0608 Energy Education

general energy laws based on physical and earth sciences; supply and demand; production; U.S. and world sources; conservation and alternative energy sources

45.0609 American Labor History

historical development of unions; culture of workers; significant labor movement leaders; laws; social change

45.0610 Economics, Analysis and Criticism

major economic systems; theoretical analysis; fictional and non-fictional works

45.0611 Economics, College

contemporary American economic problems; college credit

45.0600 Economics, Other

45.07 GEOGRAPHY. A group of instructional programs that describe the earth and its life; the description of land, sea, and air; and the distribution of plant and animal life, including human beings and industries.

45.0701 Geography 8

United States and world geography

45.0702 Geography, United States

map reading; United States geographical characteristics

45.0703 Geography, North American

major geographic areas; North American region

45.0704 World Geography

Cultural and Physical Geography; Geography

major world geographic areas; interrelationships between people and habitat; political, social, cultural, and economic geography

45.0705 Geography, Western Hemisphere and Africa

survey of western geography

45.0706 Geography, Eastern Hemisphere

survey of eastern environment and geography; environmental and cultural influence

45.0707 Physical Geography

physical elements and effect on human living

45.0708 Economic and Political Geography

Economic Geography

resources; effect of artificial boundaries on spatial arrangements and associations

45.0709 Human and Cultural Geography

Man and His Environment

cultural groups and their geographical locations

45.0710 Field Geography, Honors

theory and research; neighborhood field work; lab and seminar settings; invited speakers

45.0700 Geography, Other

45.08 HISTORY. A group of instructional programs that describe the past, including the recording, gathering, criticizing, synthesizing, and interpreting evidence about past events.

45.0801 History and Geography 7

survey of world history and world geography; map reading; State history and cultural development

45.0802 Our Cultural Heritage 7

study of United States history; exploration; colonization; early United States government

45.0803 Social Studies 7, Honors

chronological United States history; presidential administrations; political movements; independent study; research projects

45.0804 United States History 8

nineteenth and twentieth century history; current problems

45.0805 Social Studies 8

chronological United States history; presidential administrations; political movements; constitution; foreign policy trends

45.0806 Social Studies 8, Honors

chronological United States history; presidential administrations; political movements; constitution; foreign policy trends

45.0807 United States History, State and Local

State History and Government; State History

history; culture; contemporary issues; government institutions

45.0808 United States History, State, Advanced Placement

colonization to present day; state and federal relationships

45.0809 American History, Basic

historical survey; government institutions; applications to daily living

45.0810 American History

American History and World Background

historical survey; social, political and economic institutional evolution; United States domestic and foreign affairs

45.0811 United States History 1

Age of Discovery; Founding of America

geography; pre-discovery; colonization to Civil War; government origins; current events and past relationships

45.0812 United States History 2

Modern American History

survey; Reconstruction through current events; American and world affairs

45.0813 United States History, Honors

historical and critical analyses; historical literature; experiential activities

45.0814 American History, Advanced Placement

United States History, Advanced Placement; American History, College

college credit; colonization to present day; prominent historians, organizations; major policies; theoretical foundations

45.0815 Westward Movement

study of America's move westward; motivation and characteristics; societal effects; cultural impact

45.0816 Twentieth Century America

Twentieth Century America, Survey; American History, Contemporary

twentieth century domestic history; progressive era; twenties and thirties; depression, new deal and post war recovery; diplomatic history; civil rights and political scandals

45.0817 Twenties and Thirties

Roaring 20's and Depressed 30's

domestic and foreign events; United States and world changes; Fords and flappers; fanatics and Red Scare; protest groups and reformers

45.0818 America Since 1945

America, Post War World; United States History, Recent

concentrated study; post war political, social and economic changes; protest; nuclear age; suburban migration

45.0819 Nineteen Sixties

study of American social consciousness; political, religious, economic and social forces

45.0820 Nineteen Seventies

social, cultural, economic, and political controversies; individual contributions; future challenges

45.0821 Reform in American History

historical reform movements; reform strategies; famous reformers

45.0822 American Inquiries

comparative historical perspectives; primary sources; colonization and modern affairs

45.0823 Historic Events, United States

past 100 years; Lindberg flight; Custer's last stand; Lincoln assassination

45.0824 American Wars, Causes and Effects

World Wars; American Wars and Diplomacy

local and global conflicts; eighteenth, nineteenth, and twentieth centuries; lasting effects; peace organization; dictators

45.0825 Civil War

causes; major battles; leaders; reconstruction problems

45.0826 Civil War, Reconstruction and Industrialism

war; post war era; Industrial Revolution

45.0827 War and Modern Consciousness

study of World War I; intellectual and social effects; historical accounts; literary works and memoirs

45.0828 World War II

study of United States involvement; precipitating events; key Pacific and Atlantic battles; leaders, weapons and strategy

45.0829 United States Military History 1

prerevolutionary times through 1900; growing military role; significant battle strategies; weaponry advances

45.0830 United States Military History 2

twentieth century military growth; individual armed forces branches; political and military leaders; weaponry gaps

45.0831 United States History, Field Study

review of United States history; historical area visits

45.0832 North American History

historical survey; international relationships

45.0833 Mexican History

historical survey; review of relationships with the United States

45.0834 South American History

historical survey; review of relationships with the United States

45.0835 World History

World Geography and World Cultures; Survey of World Studies; Eye on the World; World History and Culture; History of World Civilization

cultural and political survey; ancient and modern; western and non-western civilizations; current events

45.0836 World History, College

prehistoric through modern times; Russia, Africa, Red China, Arab world

45.0837 World History, Modern

Modern World Civilization

survey; post renaissance; nations' development; wars

45.0838 World Civilization, Twentieth Century

Current World History

mid-twentieth century and present day; global survey and concentrated study; Orient; Africa; India

45.0839 World Civilization, Twentieth Century, Honors

mid-twentieth century and present day; global survey and concentrated study; Orient; Africa; India

45.0840 Western Civilization 9

World Civilization 9

western civilization; multi-media, history and humanities; ancient through mid-twentieth century; Europe and United States

45.0841 Western Civilization 9, Honors

World Civilization 9, Honors

western civilization; ancient through mid-twentieth century; history and humanities

45.0842 Western Civilization, History

European History

study of European development

45.0843	Early Western Civilization study of European development; prehistoric times through French Revolution; United States and European Institutions' relationships
45.0844	Western Civilization, Advanced Placement World History, Advanced western civilization historical development; ancient and modern times
45.0845	Ancient and Classical World early human contributions; cultural origins; Greek and Roman civilizations
45.0846	Ancient Greek History history and culture; ancient Greece
45.0847	Rome and Her Empire historical development; small town and world power
45.0848	Ancient History and Middle Ages Ancient World History; Development of Civilization; Early World History ancient civilizations; Africa, Asia and Middle East; Middle Ages, Renaissance, and Reformation; cultural and artistic contributions; historic impact
45.0849	English History ancient history; current problems
45.0850	English History, Honors historical analysis; Anglo-Saxon political, religious, and economic influences

45.0851 French Revolution, Honors

monarchy dissolution; political evolution; radical and conservative political groups; national and international effects; academically talented

45.0852 Modern Europe

history and culture; Industrial Revolution; Renaissance; European nations development; World Wars

45.0853 European History, Mid-Nineteenth Through Mid-Twentieth Centuries, Advanced Placement

college credit; Nationalism; World War I; political, economic and social movements

45.0854 European History, Twentieth Century

Twentieth Century Europe

twentieth century topics; fascism and communism; economic redevelopment; social, political, and economic changes

45.0855 European History, Advanced Readings

modern European history; political and diplomatic; intellectual and cultural; social and economic;

45.0856 European History, Modern, Advanced Placement

Western Civilization, Modern

college level; Europe from 1500 to present; primary source materials

45.0857 Third World History

historical survey; developing nations

45.0858 African History

historical development; ancient to modern times

45.0859 Africa, Middle East and Latin America

historical survey; significant development factors; current events

45.0860 Latin American History

geographical and historical survey; world relations

45.0861 Middle East History

geographical and historical survey; world relations

45.0862 Israel, History

geographical and historical survey; world relations

45.0863 Eastern Civilization

study of India, China, USSR and Japan; early and modern civilizations; political and cultural aspects

45.0864 Far East, History

historical survey; world international relations

45.0865 Asian History, Modern

review of Chinese and Japanese history; focused modern historical study

45.0866 Pacific Lands, History

historical survey; world relations

45.0867 Russian History

historical survey; world relations

45.0868 World Leaders, Past and Present

modern and ancient historical figures; Moses, Socrates, Churchill, Gandhi, Hitler, Martin Luther King, Napoleon

45.0869 Historical Research

topical study of period or events; review of original documents and historical criticism

45.0800 History, Other

45.09 INTERNATIONAL RELATIONS. A group of instructional programs that describe the agencies, operations, and principles involved in communication and interaction among nations, with emphasis upon the relationship between political subdivisions and governments.

45.0911 International Relations

Foreign Policy Problems; Global Relations

international affairs; United States role; emerging nations; United Nations; international resource and population problems; multi-national corporations

45.0921 International Relations, Honors

statesmanship; international agreements and disagreements; political analysis

45.0931 International Law

historical development; world courts; current world problems and solutions; practical international regulations

45.0941 Model Security Council, Local

participatory student United Nations Security Council

45.0951 Model United Nations, Local

international relations research; participatory student United Nations

45.0952 Model United Nations, National

participatory United Nations; national student representation

45.0900 International Relations, Other

45.10 POLITICAL SCIENCE AND GOVERNMENT. A group of instructional programs that describe the description and analysis of political institutions and processes, including the origin, development, geographical units, forms, sources of authority, powers, purposes, functions, and operations of government.

45.1001 Civics

Community Civics

citizenship responsibilities and government introduction; federal, state and local government; organization and function

45.1002 State and Local Government

functions of government; state and local level

45.1003 Government, Basic

Government and Contemporary American Problems

study of United States voting procedures; court operations; local, state and national lawmaking

45.1004 American Government

Government; Practical Government; Political Studies; Federal Government; United States Government; Government and Decision Making; United States History and Government

study of United States, local, and other political systems; recruitment; roles and decision making; official duties; executive, legislative, and judicial government branches

45.1005 Presidency

Presidential Roles; Constitution and Presidency

relevant constitutional study; presidential officeholders; presidential characteristics; scandals

45.1006 Framework of the Constitution

Rights and Responsibilities; Constitutional History

study of United States constitution; constitutional conventions and leaders; articles and amendments; basic rights

45.1007 Individual vs. State

Liberty and the Law

individual rights and state authority; case studies of landmark court decisions; formal and informal institutions of government; interest groups

45.1008 National State and Local Elections

Government and Politics; Youth and Local Politics; American Politics; American Political Behavior; Political Issues; American Political Systems

voter participation and responsibility; elections; representatives' roles, recruitment and decision making; experiential political participation; current events; campaign and media strategies

45.1009 Elections, Politics and Morality, Honors

elections operations; American voter behavior patterns; two party system; democracy theory; morality and politics

45.1010 Contemporary World Affairs

Current Events; Current Affairs; Media and Politics; Critical Issues

mass media informational analysis; national and international affairs; media political coverage; media techniques

45.1011 American Foreign Policy

United States as a World Power; American Government in World Affairs

policy from Spanish American War through present day; presidential foreign policies; current American policies; American government foundations; other government forms

45.1012 Decision Making in a Crisis

Ideas in Conflict

study of American political crises; decision making process; executive level analysis; philosophical and political controversies; social implications

45.1013 American Heritage, Honors

Political Studies, Honors

study of American government theory and development; primary source documents; theoretical applications to today's world

45.1014 Contemporary American Political Issues

Contemporary American Problems; Contemporary American Issues; Citizenship; American Problems

local, state and national government operations; economic issues; citizenship responsibilities; current events and historical origins; problem solving techniques

45.1015 Contemporary American Political Issues, Honors

American Problems, Research

governmental and non-governmental institutions; problem solving roles; contemporary conflict resolution; international relations; law and social problems

45.1016 American Government and Economics, Basic

government institutions; basic economic principles

45.1017 American Government and Economics

Today's Problems; Problems of Democracy and Economics; American Institutions; Problems of Democracy

social science orientation; political structure and parties; local, state, and national taxes, labor unions, and other economic issues; social problems; democracy

45.1018 American Government and Economics, Honors

social science orientation; political structure; economic issues

45.1019 Comparative Political Systems, Basic

world political systems; democracy and communism; political forms and leaders

45.1020 Comparative World Governments

Comparative Political Systems

major world political systems; democracy and communism; political analysis; Great Britain, U.S., France and Soviet Union

45.1021 Americanism vs. Communism

economic, social and political differences

45.1022 Americanism vs. Communism, Honors

economic, political, and social differences; state and local government; economics

45.1023 Communism and Its Growth

philosophy and growth; Soviet and Sino forms; political, economic and social effects; Western impact

45.1024 Civics, Honors

European Civics

selected topics in government and citizenship; national and international issues; mentor and internship opportunities

45.1025 Writings Influencing Government

philosphical and political literature; government development; ancient and modern works; Moses, Plato, Machiavelli, Locke, Madison, Marx

45.1026 Government Internship

visit to Washington, D.C.; seminars with political leaders; historic sightseeing

45.1027 Model Senate

senator identification and research; participatory student senate

45.1028 Political Leadership

student body officers; decisionmaking; leadership skills

45.1029 Political Science

local, national, and foreign political processes

45.1030 Political Science, Advanced Placement

local, national and foreign political processes; recent national and international events; independent research; political experience; modern political science materials

45.1000 Political Science and Government, Other

45.11 SOCIOLOGY. A group of instructional programs that describe human society, social institutions, and social relationships, including the development, purposes, structures, and functions of human groups.

45.1111 American Social Problems, Introduction

Social Problems; Social Issues; Community and Intergroup Relations

Introductory course; social and political institutions; mass society and social problems; alcohol and drug abuse; aging; racial problems

45.1121 Sociology, General

social structure of society; social institutions; American society

45.1131 Sociology, Issues

social norms; male and female roles; social pressure; social class and mobility; social deviance

45.1141 Mobility in Society

advancement opportunities; social class distinctions; United States class system; class struggle

45.1151 Violence in America

aggression and violence; sociological causes; social effects; individual responsibility

45.1161 Death and Dying

social and cultural aspects; customs; attitudes

45.1171 Sociology, Honors

socialization; social organization; population studies

45.1181 Sociology, Research

human group behavior; original scholarly works; research methods and techniques; research project

45.1100 Sociology, Other

45.12 URBAN STUDIES. A group of instructional programs that describe the history, society, politics, culture, and economics of urban areas.

45.1211 Urban Problems

Urban Social Problems; City in United States History; Urban Environment and Problems; Urban Survival; Urban Studies

financial repercussions; urban milieu versus suburban; urban field trips

45.1221 Urban Ecology

Individual and government urban ecological responsibilities; demography and land usage

45.1231 Technology and Urbanization

urbanization; technological advancements and dependence

45.1200 Urban Studies, Other

45.99 SOCIAL SCIENCES, OTHER. A group of instructional programs in social sciences not described above.

45.9900 Social Sciences, Other

46. CONSTRUCTION TRADES. A summary of groups of instructional programs that prepare individuals to erect, install, maintain, and repair buildings, highways, airports, missile sites, and other structures using materials such as metal, wood, stone, brick, glass, concrete, and composition substances. Includes instruction in cost estimating; cutting, fastening, and fitting various materials; the use of hand and power tools; and in following technical specifications and blueprints.

46.01 BRICKMASONRY, STONEMASONRY, AND TILE SETTING. A group of instructional programs that prepare individuals to lay brick, concrete block, hard tile, marble and related materials, using trowels, levels, hammers, chisels and other handtools.

46.0111 Masonry 1

Bricklaying and Masonry 1

basic bricklaying; hand tools; brick bonds; blueprint reading

46.0112 Masonry 2

Bricklaying and Masonry 2; Masonry, Advanced

power equipment; cutting; fire place construction; wall patterns; arch construction

46.0121 Tile Setting and Plastering

wall board installation; tile finishing; plastering

46.0100 Brickmasonry, Stonemasonry, and Tile Setting, Other

46.02 CARPENTRY. A group of instructional programs that prepare individuals to lay out, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. Includes instruction in common systems of framing, construction materials, estimating, and blueprint reading.

46.0211 Carpentry 1

power equipment use; meeting occupational standards; blueprint reading; layout procedures; concrete forms

46.0212 Carpentry 2

Structural Woods; Carpentry, Advanced

roof construction; doors; wall finishes; stairs; outside and interior trim; floor installation

46.0213 Carpentry 3

advanced building construction; actual house project construction

46.0200 Carpentry, Other

46.03 ELECTRICAL AND POWER TRANSMISSION INSTALLATION. A group of instructional programs that prepare individuals to install, operate, maintain, and repair residential, commercial, and industrial electrical systems, and the power lines that transmit electricity from its source of generation to its place of consumption.

16.0311 Housewiring 1

Residential Wiring

electrical wiring; code compliance; three-wire systems; low voltage applications; delta and wye systems; blueprint reading

46.0312 Housewiring 2

advanced household wiring; testing methods; utilization of various wiring systems; security systems; troubleshooting

46.0321 Electric Power and Communications Lineworker

rural electrical systems; linework; setting of poles; erecting towers; splicing cables; installing equipment

46.0300 Electrical and Power Transmission Installation, Other

46.04 MISCELLANEOUS CONSTRUCTION TRADES. A group of instructional programs that prepare individuals for construction trades other than those described under other groupings in the construction trades category.

46.0411 Building Construction 1

House Construction; Home Mechanics; Building Trades 1

basic skills; forming, framing, concrete, block and brick work; blueprint reading

46.0412 Building Construction 2

Building Trades 2

advanced course; finish carpentry; electrical; plumbing; painting; estimating

46.0421 Painting and Decorating

mixing paint; brush technique; roller technique; wall covering application; spray application; color matching

46.0431 Building Maintenance

custodial training; commercial and industrial buildings; general maintenance and repair; basics of carpentry, plumbing, painting, welding, masonry

46.0441 Home Maintenance and Repair

simple home repair; tool use; safety procedures; survival skills

46.0400 Miscellaneous Construction Trades, Other

46.05 PLUMBING, PIPEFITTING, AND STEAMFITTING. A group of instructional programs that prepare individuals to lay out, assemble, install, and maintain piping, fixtures, and piping systems for steam, hot water, heating, cooling, drainage, lubricating, sprinkling, and industrial processing systems. Includes instruction in material selection and use of tools to cut, bend, join, and weld pipes.

46.0511 Plumbing 1

layout, assembly, and repair of pipes, fittings, and fixtures; water lines; gas lines; breakdown repairs; plumbing code adherence; blueprint reading

46.0512 Plumbing 2

heating system installation; plumbing fixtures; estimating

46.0500 Plumbing, Pipefitting, and Steamfitting, Other

46.99 CONSTRUCTION TRADES, OTHER. A group of instructional programs in construction trades not described above.

46.9900 Construction Trades, Other

47. MECHANICS AND REPAIRERS. A summary of groups of instructional programs that prepare individuals in the adjustment, maintenance, part replacement, and repair of tools, equipment, and machines.

47.01 ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR. A group of instructional programs that prepare individuals to operate, maintain, and repair business machines, communications equipment, major and small appliances, commercial vending machines, and related equipment. Includes instruction in electrical circuitry, simple gearing, linkages and lubrication of machines and appliances, and the use of testing equipment.

47.0111 Small Appliance Repair

small electrical appliances; thermostats; testing techniques; safety precautions

47.0121 Radio and TV Repair 1

Television Repair; Electronic Servicing

radio transmitters; television sets; transistor circuitry; test equipment; schematic diagrams; use of repair manuals

47.0122 Radio and TV Repair 2

in-depth study; audio and video systems

47.0123 Radio and TV Repair 3

continued in-depth study; audio and video systems

47.0131 Appliance Repair 1

Major Appliance Repair

electrical circuitry; gears, linkages, relays, time switches; pumps and agitators; test equipment; service manuals

47.0132 Appliance Repair 2

Appliance Repair, Advanced

large appliance servicing; refrigeration systems; troubleshooting

47.0141 Vending Machine Repair

vending machine installation and repair; coin systems; refrigeration, carbonation, and evaporation systems; panel repairs

47.0151 Business Machine Repair

Office Machine Repair

office machine repair; data processing equipment; duplicating machines; digital control instruments

47.0161 Industrial Electricity

wiring apparatus installation and repair; industrial machines; motors; generators; control systems

47.0171 Industrial Electronics

electronic equipment maintenance and repair; industrial and manufacturing applications; digital and computer circuitry

47.0100 Electrical and Electronics Equipment Repair, Other

47.02 HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS. A group of instructional programs that prepare individuals to install, repair, and maintain the operating condition of heating, air conditioning, and refrigeration systems.

47.0211 Air Conditioning, Refrigeration, and Heating

Refrigeration and Air Conditioning; Commercial Heating and Air Conditioning

cooling, heating, filtering, humidity control; technical manual use; diagnosis of malfunctions

47.0212 Air Conditioning, Refrigeration, and Heating, Advanced

Refrigeration and Air Conditioning 2

electrical diagrams; protective devices; thermostats; equipment installation

47.0200 Heating, Air Conditioning, and Refrigeration Mechanics, Other

47.03 INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR. A group of instructional programs that prepare individuals to operate, maintain, and repair heavy-duty equipment such as bulldozers, cranes, graders, tractors, trailers, concrete mixers, crawler-mounted shovels, draglines, and compressors.

47.0311 Industrial Mechanics 1

Heavy Equipment Mechanics; Industrial Equipment Mechanics

gas and diesel engine repair; transmissions; hydraulic units; steering systems

47.0312 Industrial Mechanics 2

advanced experience; heavy equipment; vehicle maintenance; mechanical repair

47.0321 Diesel Mechanics

heavy equipment; industrial vehicles; engine diagnosis and repair; fuel systems; oil and water pumps; electrical systems

47.0300 Industrial Equipment Maintenance and Repair, Other

47.04 MISCELLANEOUS MECHANICS AND REPAIRERS. A group of instructional programs that prepare individuals for mechanic and repairer occupations other than those described under the headings of electrical and electronics equipment repair; heating, air conditioning, and refrigeration mechanics; industrial equipment maintenance and repair; stationary energy sources; and vehicle and mobile equipment mechanics and repair.

47.0411 Musical Instrument Repair

acoustic instruments; electrical musical instruments; amplification systems; tuning

47.0421 Instrument Maintenance and Repair

electromechanical instruments; hydraulic instruments; measuring devices; control devices; maintenance and repair

47.0431 Shoe Repair and Orthopedics

repair and maintenance of shoes; designing orthopedic devices; operation of a shoe repair business

47.0400 Miscellaneous Mechanics and Repairers, Other

47.05 STATIONARY ENERGY SOURCES. A group of instructional programs that prepare individuals to install, operate, and maintain large power sources for such purposes as generating electricity, pumping, and heating.

47.0511 Power Mechanics 1

Power Conversion 1; Power Technology 1; Energy and Transportation 1

power resources; gasoline engines; batteries; generators; solar cells; steam turbines

47.0512 Power Mechanics 2

Power Technology 2; Energy and Transportation 2

skills enhancement; cooling systems; braking systems; fuel systems; motorized sports equipment; fork lifts

47.0513 Power Mechanics 3

advanced course; power systems

47.0514 Power Mechanics 4

advanced course; power systems

47.0521 Hydraulics and Pneumatics

operation and repair; pumps; reservoirs; valves; cylinders; heat exchangers

47.0500 Stationary Energy Sources, Other

47.06 VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS. A group of instructional programs that prepare individuals to maintain and repair aircraft; automobiles; diesel engines in vehicles such as buses, ships, trucks, railroad locomotives, and construction equipment; stationary diesel engines in electrical generators; and small engines in mobile equipment such as lawnmowers and rotary tillers.

47.0611 Small Engine Repair 1

Small Engine Maintenance; Mechanics Trades; Small Gas Engines; Motorcycle and Recreational Vehicle Repair

four-cycle engines; two-cycle engines; lawnmowers; snowmobiles; operation of lathes, grinders, boring and honing machines; engine overhaul

47.0612 Small Engine Repair 2

Mechanics Trades, Advanced

engine related systems; electronic systems repair; business procedures; customer relations

47.0621 Auto Mechanics 1

Auto Repair; Auto Engines; Vehicle Power

automobile repair; hand tools; power equipment; test equipment

47.0622 Auto Mechanics 2

Automotive Technology; Auto Tuneup

complete engine tuneup; fuel systems; electronic test equipment; auto air conditioning

47.0623 Auto Mechanics 3

Auto Mechanics, Advanced

advanced study; special projects; automotive mechanics

47.0631 Auto Body 1

Auto Body and Fender; Auto Body Repair; Body and Fender

body repair; fender repair; metal strengthening; use of grinders, pulling devices, welding equipment, spray equipment

47.0632 Auto Body 2

Auto Body Repair, Advanced

body construction; front end alignment; collision damage; estimates; shop management; color coating

47.0641 Auto Service 1

Auto Maintenance

automobile maintenance; automobile servicing; service station attendant training; tire service; emergency road equipment; state inspection codes

47.0642 Auto Service 2

continued study; automobile servicing

47.0651 Consumer Auto

Auto Owner Maintenance

personal auto maintenance; oil change; tire maintenance; tool use

47.0661 Airframes 1

aviation airframes mechanic; airframe service and inspection; landing gears; hydraulic and pneumatic power; cabin and atmosphere control; fire protection

47.0662 Airframes 2

advanced course; aviation airframes mechanic; license preparation

47.0671 Aviation Powerplant 1

aviation powerplant mechanic; electrical system; lubrication; fuel metering; cooling and exhaust; propellers

47.0672 Aviation Powerplant 2

advanced course; aviation powerplant mechanic; license preparation

47.0681 Aviation Quality Control 1

quality control; dimensional metrology

47.0682 Aviation Quality Control 2

certificate preparation; quality control; nondestructive testing

47.0691 Aircraft Sheetmetal 1

aircraft sheetmetal mechanic

47.0692 Aircraft Sheetmetal 2

certificate preparation; aircraft sheetmetal mechanic

47.0600 Vehicle and Mobile Equipment Mechanics and Repairers, Other

47.99 MECHANICS AND REPAIRERS, OTHER. A group of instructional programs in mechanics and repairers not described above.

47.9900 Mechanics and Repairers, Other

48. PRECISION PRODUCTION. A summary of groups of instructional programs that prepare individuals to produce precision goods and materials by hand or machine. In many instances, instructional activities are designed to cultivate an ability to interpret detailed instruction and specifications, and to produce or manufacture goods at low tolerances.

48.01 DRAFTING. A group of instructional programs that prepare individuals to plan, prepare, and interpret mechanical, architectural, structural, pneumatic, marine, electric/electronic, topographical, and other sketches; to use reproduction materials, equipment, and processes, to develop, plan, and process charts and drawings; to develop models; and to prepare reports and data sheets for writing specifications.

48.0111 Mechanical Drawing 1

Drafting 1; Projection Theory; Drafting Fundamentals

basic graphic language; drawing instruments; detailed working drawings; orthographic views; dimensioning

48.0112 Mechanical Drawing 2

Drafting 2; Projection, Applied; Drafting, Technical

production drawing; drafting department practices; assembly drawings; tension, compression and bending forces; skills enhancement

48.0113 Mechanical Drawing 3

Machine Drawing; Drafting 3; Illustration, Technical

advanced course; machine design; auxiliary views; inking techniques; design in relation to temperature, pressure and horsepower

48.0114 Mechanical Drawing 4

Drafting 4

structural drafting; drafting competitions; skill refinement; independent work

48.0121 Architectural Drawing 1

Architectural Drafting

building plans; material usage; creative layout and design; use of building codes and zoning laws

48.0122 Architectural Drawing 2

model construction; house plans; finished rendering; bridge design

48.0123 Architectural Drawing 3

advanced course; architectural drafting principles; small buildings; shopping center layouts

48.0124 Architectural Drawing 4

Architectural Model Building

construction techniques; building small models

48.0131 Engineering Drawing 1

Engineering Drafting; Engineering Graphics 1

advanced drafting; technological career emphasis; industrial applications; schematic drawing

48.0132 Engineering Drawing 2

Engineering Graphics 2

design elements; industrial design problems; aerospace drawing; fluidics; blueprint reading

48.0141 Blueprint Reading

Sketching and Blueprint Reading

blue prints; industrial drawings interpretation

48.0151 Drafting 1, Cooperative

in-depth drafting; machine design; technical illustration; independent work

48.0152 Drafting 2, Cooperative

on-the-job experience; advanced drafting skills

48.0100 Drafting, Other

48.02 GRAPHIC AND PRINTING COMMUNICATIONS. A group of instructional programs that prepare individuals to design and execute lay outs and illustrations for advertising displays and instructional manuals. Includes instruction in all phases of offset printing, lay out, composition, presswork and binding, flexography, lithography, photoengraving, and other graphic arts related to the printing industry.

48.0211 Commercial Art 1

Advertising Design

drawing rendering; matting; design and execution of layouts; brochure design; typography; publication illustrating

48.0212 Commercial Art 2

Advertising and Illustration, Advanced

advanced course; design; advertising; perspective; commercial standards; silk screen and airbrush use

48.0213 Commercial Art, Cooperative

commercial art employment; advanced on-the-job training

48.0221 Graphic Arts 1

Printing, Introduction; Production Printing; Graphic Communications 1

electronic composition; plate making; photo composing; varitype; press work

48.0222 Graphic Arts 2

Printing, Advanced; Graphic Communications 2

printshop operations; job completion; paper technology; ink varieties; career oriented training

48.0223 Graphic Arts 3

Printing Production, Cooperative

offset printing; on-the-job training; current industry practices; job entry status; process color reproduction

48.0224 Graphic Arts 4

continued skill enhancement; project preparation; printing equipment repair

48.0231 Sign Painting

Lettering

layout and design; color use; display; letter styles

48.0241 Bindery

bookbindery operations; printed materials finishing; standard measurements; technical vocabulary

48.0251 Electronic Composition

operation of electronic composition and photo composing machines; programming computer selection of type style and size; setting control codes and program sequence

48.0200 Graphic and Printing Communications, Other

48.03 LEATHERWORKING AND UPHOLSTERING. A group of instructional programs that prepare individuals to fabricate and repair all types of upholstery and leather goods.

48.0311 Leatherwork 1

carving leather; tool familiarization; leather preparation

48.0312 Leatherwork 2

advanced design; professional quality projects

48.0321 Upholstery

spring arranging; fillers, padding and cover materials; patternmaking, cutting, sewing; styling and designing covers

48.0322 Upholstery, Advanced

additional experience; pattern making; production methods

48.0331 Auto Upholstery

automotive upholsterer training

48.0300 Leatherworking and Upholstering, Other

48.04 PRECISION FOOD PRODUCTION. A group of instructional programs that prepare individuals to perform slaughtering and butchering operations in a slaughtering and meat packing establishment, or to cut, trim, and prepare carcasses for wholesale or retail sale.

48.0411 Meatcutting

preparation of carcasses for consumer size portions; use of hand and power tools; poultry and fish; display and refrigeration

48.0400 Precision Food Production, Other

48.05 PRECISION METAL WORK. A group of instructional programs that prepare individuals to plan, manufacture, assemble, test, and repair parts, mechanisms, machines, and structures in which materials are cast, formed, shaped, molded, heat treated, cut, twisted, pressed, fushed, stamped, or otherwise worked upon.

48.0511 Metal 1

Metal Class; Metal Lab; Metalwork; Metal Trades; Machine Metals

metal industries; art metal; sheetmetal; foundry; welding

48.0512 Metal 2

Metalwork, Advanced

advanced machine shop; lathe; milling; heat treatment; skill enhancement

48.0513 Metal 3

special projects; independent work; sheetmetal; lathe work

48.0514 Metal 4

advanced projects; metalworking

48.0521 Welding 1

equipment setup; metal properties; welding positions; blueprint reading; electrical principles; hand operated and automatic equipment

48.0522 Welding 2

advanced course; nonferrous metals; blueprints; welded projects; certification procedures

48.0523 Welding 3

arc welding processes; in-depth study; job assignments; job entry level; safety practices

48.0531 Sheet Metal 1

layout, fabrication, erection, and maintenance; steel, copper, stainless steel, aluminum; hand tool and machine use

48.0532 Sheet Metal 2

sheet metal mechanic; blueprint reading; product fabrication; framework

48.0541 Metal Restoration

restoring metal objects; autos; toys

48.0551 Foundry 1

ferrous and nonferrous foundry practices; foundry metallurgy; types of sands and refractories; coremaking

48.0552 Foundry 2

advanced foundry work

48.0500 Precision Metal Work, Other

48.06 PRECISION WORK, ASSORTED MATERIALS. An instructional program that prepares individuals to produce precision goods in a variety of materials including ceramics, precious stones, metals, glass, and plastics.

48.0611 Plastics 1

molding and casting products; adjusting machines; hand and power tools; fitting and fabricating parts

48.0612 Plastics 2

advanced study; plastics industry; career opportunities

48.0600 Precision Work, Assorted Materials, Other

48.07 WOODWORKING. A group of instructional programs that prepare individuals to lay out and shape stock; assemble wooden articles or subassemblies; mark, bind, saw, carve, and san wooden products; repair wooden articles, and use a variety of hand and power tools.

48.0711 Woodworking 1

Woodworking, Basic; Wood 1

wood technology; finishing; simple patterns; safety; hand tools

48.0712 Woodworking 2

Wood 2; Machine Woodworking; Wood Products

furniture styles; furniture construction; finishing; power machines

48.0713 Woodworking 3

Woodworking, Advanced; Wood 3

advanced course; cabinet making; furniture construction; woodworking industry

48.0714 Woodworking 4

Wood 4

continued advanced projects; woodworking

48.0721 Furniture Refinishing

furniture restoration; refinishing

48.0731 Cabinetmaking 1

Millwork

cabinetmaking theory; detailed drawings; cabinet design; materials selection; cabinet assembly

48.0732 Cabinetmaking 2

advanced study; fine furniture construction

48.0700 Woodworking, Other

48.99 PRECISION PRODUCTION, OTHER. A group of instructional programs in precision production not described above.

48.9900 Precision Production, Other

49. TRANSPORTATION AND MATERIAL MOVING. A summary of groups of instructional programs that prepare individuals to operate and control equipment used to facilitate the movement of people or materials.

49.01 AIR TRANSPORTATION. A group of instructional programs that prepare individuals to engage in activities concerned with the inflight operation of commercial and private airplanes, including piloting, navigating, and providing passenger services and general ground support.

49.0111 Aeronautics 1

Aerospace for Today

ground school aviation; aviation careers; theory of flight; aviation regulations; navigation

49.0112 Aeronautics 2

advanced aviation; instrument flight; air traffic control; flight instruction

49.0121 Aviation Technology

Aviation, General

aircraft construction; original design; aviation engineering

49.0100 Air Transportation, Other

49.02 VEHICLE AND EQUIPMENT OPERATION. A group of instructional programs that prepare individuals to drive trucks and buses, and to operate construction, material handling, and mining equipment.

49.0211 Forklift Operator

forklift type equipment operation; truck operation; material handling equipment

49.0200 Vehicle and Equipment Operation, Other

49.03 WATER TRANSPORTATION. A group of instructional programs that prepare individuals to perform tasks on fresh-water and sea-going ships, tugboats, barges, floating structures, and related harbor and dock machinery. Includes instruction in firefighting; lifeboat work; swimming; fiber and wire rope handling and splicing; hull maintenance and painting; cargo-handling gear and ground tackle; maintenance, operation, and repair of main engines and auxiliary steam, refrigeration, water, and electrical systems; and watchkeeping, storekeeping, and food preparation.

49.0311 Marine Mechanics, Basic

Marine Engine and Boat Repair 1

outboard engines; power plant maintenance; electrical systems; steering systems; fuel systems

49.0312 Marine Mechanics, Advanced

Marine Engine and Boat Repair 2

vertical stern drive systems; inboard marine engines; boat servicing; refrigeration and water systems

49.0321 Boat Building

boat construction techniques; boat design theory; boat repair

49.0331 Navigation

navigation theory; navigation skills; celestial navigation

49.0300 Water Transportation, Other

49.99 TRANSPORTATION AND MATERIAL MOVING, OTHER. A group of instructional programs in transportation and material moving not described above.

49.9900 Transportation and Material Moving, Other

50. VISUAL AND PERFORMING ARTS. A group of instructional programs that generally describe the historic development, aesthetic qualities, and creative processes of two or more of the visual and performing arts.

50.01 VISUAL AND PERFORMING ARTS, GENERAL. A group of instructional programs that generally describe the historic development, aesthetic qualities, and creative processes of two or more of the visual and performing arts.

50.0111 Aesthetics

enrichment course; interrelated arts

50.0100 Visual and Performing Arts, Other General

50.02 CRAFTS. A group of instructional programs that describe how to increase one's skills to fashion objects in a specialized area of handwork.

50.0211 Crafts 7

fabrics, fiber, paper leather; decorations; creative expression

50.0212 Crafts 8

fabrics, fiber, paper, leather; decorations; creative expression

50.0213 Crafts 9

Creative Crafts 9

fiber, fabric, leather, metal, wood, plastic; weaving; macrame; woodcarving; jewelry; enameling; stitchery

50.0214 Crafts 10

Creative Crafts 10; Applied Art 10; Home Decorative Crafts 1

fiber, fabric, leather, metal, wood, plastic, clay; pottery; macrame; wood carving; jewelry; leather tooling; needlework

50.0215 Crafts 11

Creative Crafts 11; Applied Art 11; Home Decorative Crafts 2

fiber, fabric, leather, wood, metal, clay, plastic; pottery; macrame; wood carving; jewelry; leather tooling; needlework

50.0216 Crafts 12

Creative Crafts 12; Applied Art 12

fiber, fabric, leather, wood, metal, plastic, clay; pottery; macrame; wood carving; jewelry; leather tooling; needlework

50.0221 Crafts 11, Advanced

Creative Crafts 11, Advanced; Design Crafts 11, Advanced

advanced pottery; glazing; copper enameling; weaving; tie dye; batik

50.0222 Crafts 12, Advanced

advanced pottery and glazing; copper enameling; weaving

50.0231 Decorator Crafts

household crafts; rug tufting; decoupage

50.0241 Enameling

clay objects; decorative coatings; baking techniques

50.0251 Jewelry

Art Metals

wire bending; soldering; lost wax procedures; polishing; silversmithing; construction of jewelry

50.0261 Ceramics 7

slab, coil, modeling, sculpting; beginning wheel throwing techniques; glazing, firing

50.0262 Ceramics 8

clay objects; ceramic ware; forming; firing; glazing

50.0263 Ceramics 9

clay objects design; ceramic ware

50.0264 Ceramics 10

Pottery 10

handbuilding; potter's wheel; mosaic tile; pinch, coil, slab; kiln operation

50.0265 Ceramics 11

Pottery 11

press molding; coil building; decorating greenware and bisque ware

50.0266 Ceramics 12

Pottery 12

advanced ceramics; glazing, firing, preparation of molds; kiln operation and control

50.0271 Textile Design

Art Textiles, Fiber Design; Weaving and Dyeing

color, fiber, design, looms; natural and synthetic fibers; banners; quilt making; needlepoint

50.0281 Model Building

design and building of models

50.0291 Printmaking

Printer's ink

relief prints; single intaglio printing; silk screening; linoleum, stencil, block printing

50.0200 Crafts, Other

50.03 DANCE. A group of instructional programs that describe the performance and choreography of various kinds of dances, including but not limited to ballet, modern, jazz, ethnic, and folk dance.

50.0311 Modern Dance for Beginners 9

Rhythm and Dance 9

locomotor warm-ups; class improvisations; history of dance; theories of movement; methods of choreography

50.0312 Modern Dance for Beginners 10

Creative Dance 10; Rhythm and Dance 10

dance using modern choreography

50.0313 Modern Dance for Beginners 11

Creative Dance 11; Rhythm and Dance 11

dance using modern choreography; history of dance; variety of rhythmic activities

50.0314 Modern Dance for Beginners 12

Creative Dance 12; Rhythm and Dance 12

dance using modern choreography; physical conditioning program

50.0321 Modern Dance 9, Intermediate

dance using modern choreography

50.0322	Modern Dance 10, Intermediate	dance using modern choreography
50.0323	Modern Dance 11, Intermediate	dance using modern choreography
50.0324	Modern Dance 12, Intermediate	dance using modern choreography
50.0331	Dance 9, Advanced	advanced modern dance techniques
50.0332	Dance 10, Advanced	modern dance; ballet, disco, jazz, tap dance
50.0333	Dance 11, Advanced	advanced modern dance
50.0334	Dance 12, Advanced	advanced modern dance
50.0341	Performing Dance Group 9	modern dance performances
50.0342	Performing Dance Group 10	modern dance performances
50.0343	Performing Dance Group 11	modern dance performances
50.0344	Performing Dance Group 12	modern dance performances

50.0351 Ballet and Jazz for Beginners 9

history of dance; theory of movement; methods of choreography; rhythmic activities; tap, ballet, folk, square

50.0352 Ballet and Jazz for Beginners 10

history of dance; theories of movement; methods of choreography; rhythmic activities; tap, ballet, folk, square

50.0353 Ballet and Jazz for Beginners 11

history of dance; theories of movement; fundamentals of movement; methods of choreography; tap, ballet, folk, square

50.0354 Ballet and Jazz for Beginners 12

history of dance; theories of movement; fundamentals of movement; methods of choreography; tap, ballet, folk, square

50.0361 Ethnic Dance

Folk Dance

vocabulary and steps in folk dance

50.0371 Square Dance

vocabulary and steps in square dance

50.0381 Aerobic Dance

dancing for health

50.0300 Dance, Other

50.04 DESIGN. A group of instructional programs that describe the theories, techniques, and creative processes for more effectively performing the function of communicating feelings, ideas, and information through use of materials and media to create two- or three-dimensional visual affects.

50.0411 Graphic Design

art vocations; basic lettering styles

50.0421 Theater Makeup

techniques of makeup for drama

50.0431 Lighting Fundamentals, Theater

techniques of lighting in the theater

50.0400 Design, Other

50.05 DRAMATIC ARTS. A group of instructional programs that describe the development, theory, and processes of creating live performances through human expressive modalities.

50.0511 Stagecraft 9

Acting Fundamentals 9; Theater Arts 1

set design; construction; improvisation; lighting

50.0512 Stagecraft 10

Stage Design and Stage Craft 10; Play Production 10; Dramatics 10; Acting Fundamentals 10

set design; construction; makeup; costumes; stage lighting; scene cutting

50.0513 Stagecraft 11

Dramatics 11; Theater Projects 11; Theater Production 11; Acting Fundamentals 11; Play Production 11; Acting Workshop

set design; construction; makeup; costumes; stage lighting; scene cutting

50.0514 Stagecraft 12

Dramatics 12; Theater Projects 12; Acting Fundamentals 12; Play Production 12; Theater Workshop 12

set design; construction; makeup; costumes; stage lighting; scene cutting

50.0521 Improvisation and Mime

fundamentals of acting; stylized motion study

50.0531 Playwriting

writing format and techniques for plays

50.0541 Theater Practicum Contract

additional work in any phase of theater

50.0551 Drama, History

development of dramatic literature; theater history; theater heritage

50.0561 Drama, Independent Study

play production; play writing; independent work

50.0500 Dramatic Arts, Other

50.06 FILM ARTS. A group of instructional programs that describe the development, theories, processes, and techniques of photographic images as a means of artistic expression.

50.0611 Film Study

Film Criticism; Film Appreciation

lighting; setting; techniques of film

50.0612 Language of the Cinema

view, discuss, write about, analyze, evaluate variety of short and feature length films

50.0621 Photography 10

black and white photography; darkroom procedures; use of camera and light meter; making contact prints and enlarging negatives; composition skills; lighting

50.0622 Photography 11, Elementary

Visual Composition

photographic equipment and chemicals; composing, taking, developing black and white photographs

50.0623 Photography 12, Elementary

basic photography methods

50.0631 Photography 11, Advanced

35 mm camera; printing; processing; aesthetic qualities; photographic theory

50.0632 Photography 12, Advanced

35 mm camera; processing film; aesthetic qualities; photographic theory

50.0600 Film Arts, Other

50.07 FINE ARTS. A group of instructional programs that describe the organization of materials and media for two- or three-dimensional visual affects that communicate ideas and express emotion and are considered primarily in relation to aesthetic criteria of judgements of beauty or meaningfulness.

50.0701 Fine Arts 7

Art 7

development of sculpture, architecture, printing; color; shapes; space; texture

50.0702 Fine Arts 8

Art 8

principles of design and elements of art

50.0703 Art, General

Survey Media; Studio in Art; Fine Arts Studio; Studio Art Laboratory; Arts and Crafts Studio

overview course; lettering; drawing; basic design; color; display production

50.0704 Art 1

Art 9

principles of design and elements of art

50.0705 Art 2

Art 10

principles of design and elements of art

50.0706 Art 3

Art 11

principles of design and elements of art

50.0707 Art 4

Art 12

portfolio preparation

50.0708 Art 1, Independent Study

self directed; portfolio; ceramics; self evaluation

50.0709 Art 2, Independent Study

Senior Studio

contract; art history; drawing; jewelry; painting; graphics

50.0711 Art Services 10

School Beautification 10

school service; displays; posters; tickets

50.0712 Art Services 11

School Beautification 11

school service; displays; posters; tickets

50.0713 Art Services 12

School Beautification 12

displays; posters; murals; programs; fliers; tickets for school activities

50.0714 Drawing

Drawing and Painting; Two Dimensional Design; Drawing and Color; Drawing Techniques

contour; gesture; pencil, pen and ink; brush and pastels; perspective; still life

50.0715 Painting 1

watercolor; tempera; acrylics; application of paint

50.0716 Painting 2

contemporary painting techniques; materials application

50.0717 Watercolor 1

Watercolor Painting; Watercolors and Airbrush

technique; style

50.0718 Cartooning

newspapers; magazine; illustrations; animation work

50.0719 Mural Painting

painting of scenes on school or community walls; techniques, materials for murals

50.0720 Sculpture

Three Dimensional Art; Three Dimensional Design; Wood and Stone Carving; Plastic Arts

space, mass, volume; string, wire, papier mache; clay, carving stone, balsa wood, plaster; wax, metal, yarns, fabrics; 3-dimensional objects

50.0721 Silk Screen

silk screen construction; print making

50.0722 Assemblage

materials combination for constructions; soldering, gluing; tin; wood; plexiglass

50.0723 Product Design

Design; Color and Design

design of products; automobiles; appliances; furniture design; stamps; logos

50.0724 Life Drawing

Figure Drawing; Portraiture

human muscle and skeletal structures

50.0725 Calligraphy

lettering styles

50.0726 Art History and Appreciation

Arts and the Masters

independent research; field trips; museum study, slide programs; art history from primitive art to the present

50.0727 Black Fine Arts

contributions of Blacks to fine arts

50.0728 Mexico, Fine Arts

contributions of Mexico to fine arts

50.0729 Bicultural Art

art of two cultures compared

50.0730 Artist in Residence Program

practicing artist working with students

50.0731 Ethnic Art History

history of art for a given ethnic group

50.0732 Art As A Multicultural Study

variety of cultures represented by their art forms

50.0700 Fine Arts, Other

50.08 GRAPHIC ARTS TECHNOLOGY. An instructional program that prepares individuals in all phases of hot-type, cold-type, and computer-type setting, including typographical lay out, composition, press work, binding, lithography, photoengraving, and other graphic arts related to the printing industry. Includes instruction in drawing and lettering; theory and science relating to camera work and photography, typographical lay outs, and machine-type setting; silk (or other) screen printing, multicolor composition and printing; ink and color preparation paper and other printing materials; printing-press operation, servicing, and elementary maintenance; cost estimation and the production, inspection, quality control, handling, binding, packaging, and storage of printing materials.

50.0800 Graphic Arts Technology, Other

50.09 MUSIC. A group of instructional programs that describe the art and science of combining sounds of various timbre in harmonic, rhythmic, or melodic forms which are artistically expressive.

50.0901 Music 7

Music, Introduction

rhythm, melody, harmony introduction; ear training

50.0902 Music 8

rhythm, melody, harmony introduction; ear training

50.0903 Band 7

training skills; preparatory work; instrumental skill development

50.0904 Band 7, Advanced

marching; concert band

50.0905 Band 8

training for band

50.0906 Band 8, Advanced

phrasing; individual technique; sound production

50.0907 Band 9

training for beginning band

50.0908 Band 9, Advanced

sight reading ability; instrumental proficiency; performance by audition

50.0909 Band, Concert

experienced players; tone production, sight reading, ear training, intonation and technical facility; performances

50.0910 Band, Marching

participation in band, playing, marching

50.0911	Band, Symphonic Senior Band Front tone production, tone quality; group playing
50.0912	Orchestra 7 music reading and performance; skill development
50.0913	Orchestra 7, Advanced music reading and performance; skill development
50.0914	Orchestra 8 music playing and performance
50.0915	Orchestra 8, Advanced music playing and performance
50.0916	Orchestra 9 music playing and performance
50.0917	Orchestra 9, Advanced section playing; audition; performance
50.0918	Orchestra 10 music playing and performance
50.0919	Orchestra 11 Concert Orchestra audition for playing and performance
50.0920	Orchestra 12 Symphonic Orchestra audition for playing and performance

50.0921 Instrumental String Class

basic concepts; string playing

50.0922 Brass and Percussion Class

basic concepts; brass playing; percussion playing

50.0923 Wind Ensemble

Brasswind

technically difficult wind playing

50.0924 Woodwind Class

basic concepts of woodwind playing

50.0925 Electronic Music, Introduction

composition; tape recorders; synthesizers

50.0926 Ensemble, Instrumental

Stage Band; Music on Stage; Jazz Ensemble

playing jazz in small groups

50.0927 Guitar, Beginning

group instruction; fundamentals of music; folk, classical, blues, rock

50.0928 Guitar, Intermediate

playing guitar; music reading; instrument technique

50.0929 Guitar, Advanced

playing guitar; music reading; instrument technique

50.0930 Handbells

playing handbells; music reading; instrument technique

50.0931	Piano 1	Keyboard music reading; instrumental performance
50.0932	Piano 2	further study; piano technique and music
50.0933	Organ	study of the organ; music and technique
50.0934	Music Lessons, Applied	note reading; individual instrumental study; individual voice study
50.0935	Chorus 7	practice for special productions; basic music reading; tone production; intonation and rhythm
50.0936	Chorus 7, Advanced	all state, all county auditions; pitch matching, intonation, tone quality; rhythm; sight reading
50.0937	Chorus 8	practice for special productions; pitch matching, intonation, tone quality; rhythm; sight reading
50.0938	Chorus 8, Advanced	all state, all county auditions; advanced pitch matching, intonation, tone quality; rhythm; sight reading
50.0939	Chorus 9	participation in special chorus; music reading; tone production; intonation and rhythm

50.0940 Chorus 9, Advanced

all state, all county audition; balance, sound, voice production

50.0941 Chorus 10

singing in groups; pitch matching, intonation, tone quality; rhythm; sight reading

50.0942 Chorus 10, Advanced

music literacy; vocal technique

50.0943 Chorus 11

singing group; glee clubs; pitch matching, intonation, tone quality

50.0944 Chorus 11, Advanced

audition for acceptance group singing; pitch matching, intonation, tone quality; rhythm; sight reading

50.0945 Chorus 12

group singing; tone production; intonation; rhythm

50.0946 Chorus 12, Advanced

motets; madrigals; lieder; art songs; chamber choir

50.0947 Vocal Ensemble

Madrigal Singers; Concert Chorale; Glee Club; Pop Rock Ensemble; Barbershop Octet; Chamber Singers; A Capella Choir

small group singing; variety of formats

50.0948 Voice Class

Ear Training and Sight Singing

study of pitch, tone, rhythm; control of voice

50.0949 Harmony and Composition

Composition, Musical

Introduction to basic composition and arranging; keyboard harmony and ear training; improvisation in jazz and rock idioms

50.0950 Arranging

Orchestration

application of arrangement methods to orchestra music

50.0951 Conducting

techniques of music conducting

50.0952 Music Theory

Musicianship

music theory fundamentals; keyboard harmony; sightsinging; dictation, solfege, rhythmic patterns; scales, intervals; harmonic analysis

50.0953 Music History 7

music history, Renaissance to the present

50.0954 Music History 8

Music Through the Ages

performance; theory; musical history; jazz; popular music; elements of musical structure; 20th Century music

50.0955 Music History 9

Contemporary Music 9; Pop Music History 9

history of American music; 20th Century music

50.0956 Music History 10

Contemporary Music 10; Pop Music History 10

history of American music

50.0957 Music History 11

Contemporary Music 11; Pop Music History 11

history of American music

50.0958 Music History 12

Contemporary Music 12; Pop Music History 12

history of American music

50.0959 Music Literature 9

Traditional Music 9, Survey

form and structure; music literature; opera; ballet; musical types and styles

50.0960 Music Literature 10

Traditional Music 10, Survey

form and structure; traditional opera, ballet music

50.0961 Music Literature 11

Traditional Music 11, Survey

form and structure of music

50.0962 Music Literature 12

Traditional Music 12, Survey

form and structure of music

50.0963 Music Appreciation

Adventures in Listening

record listening; Gregorian chant, opera, sonata; string quartet, symphonic poem; electronic, rock melody

50.0964 Folk Music, Ethnic

music of specific cultures

50.0965 Music Theater

American Musical Theater; Jazz and Stage Ensemble; Theater Music Workshop

study of Broadway musicals, opera, dinner theater, entertainment groups; practical experience in production; stage design; costuming; makeup; tickets and promotion

50.0966 Music, Independent Study

Symphony and Lecture Series; Music Reading and Conference

theory, chamber music, composition, keyboard, music arts; music theory; history, conducting, composition; independent projects

50.0900 Music, Other

50.99 VISUAL AND PERFORMING ARTS, OTHER. A group of instructional programs in visual and performing arts not described above.

50.9900 Visual and Performing Arts, Other

TITLE INDEX

A Capella Choir (50.0947)
Accounting (07.0121)
Accounting 1 (07.0121)
Accounting 2 (07.0122)
Accounting Careers (07.0122)
Accounting, Advanced (07.0122)
Accounting, Bookkeeping, and Related Programs, Other (07.0100)
Accounting, College (07.0131)
Accounting, Other (06.0200)
Acoustics (40.0851)
Acting Fundamentals 9 (50.0511)
Acting Fundamentals 10 (50.0512)
Acting Fundamentals 11 (50.0513)
Acting Fundamentals 12 (50.0514)
Acting Workshop (50.0513)
Actuarial Sciences, Other (27.0200)
Adding and Calculating Machines (07.0161)
Adjustment Psychology (42.0731)
Adolescent Development (42.0721)
Adolescent Fiction (23.0146)
Adolescent Psychology (42.0721)
Adult Roles and Functions (20.0117)
Adventures in Listening (50.0963)
Advertising (09.0211)
Advertising Design (48.0211)
Advertising and Illustration, Advanced (48.0212)
Advertising, Other (09.0200)
Aerobic Dance (50.0381)
Aeronautics 1 (49.0111)
Aeronautics 2 (49.0112)
Aerospace Education 1 (28.0111)
Aerospace Education 2 (28.0112)
Aerospace Education 3 (28.0113)
Aerospace Science (Air Force), Other (28.0100)
Aerospace for Today (49.0111)
Aerospace, Aeronautical, and Astronautical, Other (14.0200)
Aesthetics (50.0111)
Africa and Middle East (05.0130)
Africa and South America (05.0123)
Africa, Middle East and Latin America (45.0859)
African (Non-Semitic) Languages, Other (16.0200)
African Area Studies (05.0122)
African Cultural Area (05.0122)
African History (45.0858)
Afro American Culture and History (05.0231)
Afro American Literature (23.0721)
Afro American Studies (05.0231)
Age of Discovery (45.0811)
Ages of Man (23.0821)
Agribusiness and Agricultural Production, Other (01.9900)
Agribusiness, Introduction (01.0111)
Agricultural Business (01.011[illegible])
Agricultural Business Leadership (01.0121)
Agricultural Business Operation (01.0121)
Agricultural Business and Management, Other (01.0100)

Agricultural Chemistry (02.0521)
Agricultural Construction and Maintenance (01.0211)
Agricultural Engineering, Other (14.0300)
Agricultural Mathematics (01.0151)
Agricultural Mechanics 2 (01.0212)
Agricultural Mechanics 3 (01.0213)
Agricultural Mechanics 4 (01.0214)
Agricultural Mechanics, General (01.0211)
Agricultural Mechanics, Other (01.0200)
Agricultural Microprocessing (01.0161)
Agricultural Occupations 1 (02.0121)
Agricultural Occupations 2 (02.0122)
Agricultural Occupations 3 (02.0123)
Agricultural Occupations 4 (02.0124)
Agricultural Production, General (01.0311)
Agricultural Production, Other (01.0300)
Agricultural Products and Processing, Other (01.0400)
Agricultural Sciences, General (02.0111)
Agricultural Sciences, Other (02.9900)
Agricultural Sciences, Other General (02.0100)
Agricultural Services and Supplies, Other (01.0500)
Agricultural Supplies Marketing (01.0511)
Agriculture Cooperatives (01.0171)
Agriculture Fundamentals (02.0111)
Agriculture Technology 1 (01.0312)
Agriculture Technology 2 (01.0313)
Agriculture, Independent Study (01.0181)
Agronomy (02.0411)
Air Conditioning, Refrigeration, and Heating (47.0211)
Air Conditioning, Refrigeration, and Heating, Advanced (47.0212)
Air Science 1 (28.0111)
Air Science 2 (28.0112)
Air Science 3 (28.0113)
Air Transportation, Other (49.0100)
Aircraft Sheetmetal 1 (47.0691)
Aircraft Sheetmetal 2 (47.0692)
Airframes 1 (47.0661)
Airframes 2 (47.0662)
Algebra 1 (27.0404)
Algebra 1, Part 1 (27.0402)
Algebra 1, Part 2 (27.0403)
Algebra 2 (27.0405)
Algebra 3 (27.0410)
Algebra Skills (27.0401)
Algebra and Analytic Geometry (27.0415)
Algebra and Trigonometry (27.0414)
Algebra, Advanced (27.0410)
Algebra, Basic (27.0401)
Algebra, College (27.0410)
Algebra, Elementary (27.0404)
Algebra, Honors (27.0417)
Algebra, Intermediate (27.0405)
Algebra, Introduction (27.0401)
Algebra, Practical (27.0401)
Algebra, Principles (27.0401)

Algebraic Systems (27.0410)
Allied Health, Other (17.9900)
Alterations (20.0136)
Alternative Christian Lifestyles (38.0205)
America Since 1945 (45.0818)
America's People and Problems (05.0104)
America, Post War World (45.0818)
American Black History (05.0231)
American Cultural Patterns (23.0731)
American Dilemma (23.0731)
American Dream in Literature (23.0731)
American Economy (45.0602)
American Experience (23.0711)
American Foreign Policy (45.1011)
American Frontiers (05.0108)
American Government (45.1004)
American Government and Economics (45.1017)
American Government and Economics, Basic (45.1016)
American Government and Economics, Honors (45.1018)
American Government in World Affairs (45.1011)
American Heritage, Honors (45.1013)
American Heroes (23.0731)
American History (45.0810)
American History and American Character (05.0103)
American History and World Background (45.0810)
American History, Advanced Placement (45.0814)
American History, Basic (45.0809)
American History, College (45.0814)
American History, Contemporary (45.0816)
American Humor (23.0135)
American Indian (05.0251)
American Indian Literature (23.0751)
American Inquiries (45.0822)
American Institutions (45.1017)
American Intercultural Heritage (05.0211)
American Labor History (45.0609)
American Literature (23.0711)
American Musical Theater (50.0965)
American Philosophy in Literature (23.0731)
American Political Behavior (45.1008)
American Political Systems (45.1008)
American Politics (45.1008)
American Problems (45.1014)
American Problems, Research (45.1015)
American Social Change (05.0104)
American Social Problems, Introduction (45.1111)
American Studies, Academic (05.0103)
American Studies, Basic (05.0102)
American Studies, General (05.0103)
American Studies, Honors (05.0105)
American Studies, Regents (05.0103)
American Wars and Diplomacy (45.0824)
American Wars, Causes and Effects (45.0824)
American West (05.0108)
American Writers (23.0711)

Americanism vs. Communism (45.1021)
Americanism vs. Communism, Honors (45.1022)
Analysis, Elementary (27.0416)
Analysis, Introductory (27.0416)
Analytic Geometry (27.0412)
Anatomy (26.0631)
Anatomy and Physiology (26.0751)
Ancient Greek History (45.0846)
Ancient History and Middle Ages (45.0848)
Ancient World History (45.0848)
Ancient and Classical World (45.0845)
Anglo America (05.0110)
Animal Behavior (26.0741)
Animal Grooming (01.0521)
Animal Husbandry (01.0321)
Animal Production (01.0321)
Animal Sciences 1 (02.0211)
Animal Sciences 2 (02.0212)
Animal Sciences, Other (02.0200)
Animal and Veterinary Science (01.0321)
Anthropology (45.0211)
Anthropology, Myth and Magic (45.0231)
Anthropology, Other (45.0200)
Apparel and Accessories Marketing, Other (08.0100)
Appliance Repair 1 (47.0131)
Appliance Repair 2 (47.0132)
Appliance Repair, Advanced (47.0132)
Applied Art 10 (50.0214)
Applied Art 11 (50.0215)
Applied Art 12 (50.0216)
Applied Mathematics, Other (27.0300)
Aquatics (36.0161)
Archaeology (45.0311)
Archaeology, Other (45.0300)
Architectural Drafting (48.0121)
Architectural Drawing 1 (48.0121)
Architectural Drawing 2 (48.0122)
Architectural Drawing 3 (48.0123)
Architectural Drawing 4 (48.0124)
Architectural Engineering, Other (14.0400)
Architectural Model Building (48.0124)
Architectural Technologies, Other (15.0100)
Architectural Theory (04.0221)
Architecture and Environmental Design, Other (04.9900)
Architecture and Environmental Design, Other General (04.0100)
Architecture, Advanced (04.0212)
Architecture, Introduction (04.0211)
Architecture, Other (04.0200)
Archival Science, Other (25.0200)
Area Studies (05.0101)
Area Studies, Other (05.0100)
Area and Ethnic Studies, Other (05.9900)
Arithmetic Review (27.0105)
Army Advanced Leadership Development (28.0314)
Army Applied Leadership Development (28.0313)

Army Intermediate Leadership Development	(28.0312)
Army Leadership Development, Introduction	(28.0311)
Army ROTC 1	(28.0311)
Army ROTC 2	(28.0312)
Army ROTC 3	(28.0313)
Army ROTC 4	(28.0314)
Arranging	(50.0950)
Art 1	(50.0704)
Art 1, Independent Study	(50.0708)
Art 2	(50.0705)
Art 2, Independent Study	(50.0709)
Art 3	(50.0706)
Art 4	(50.0707)
Art 7	(50.0701)
Art 8	(50.0702)
Art 9	(50.0704)
Art 10	(50.0705)
Art 11	(50.0706)
Art 12	(50.0707)
Art As A Multicultural Study	(50.0732)
Art History and Appreciation	(50.0726)
Art Metals	(50.0251)
Art Services 10	(50.0711)
Art Services 11	(50.0712)
Art Services 12	(50.0713)
Art Textiles, Fiber Design	(50.0271)
Art, General	(50.0703)
Arthurian Legend	(23.0861)
Artist In Residence Program	(50.0730)
Arts and Crafts Studio	(50.0703)
Arts and the Masters	(50.0726)
Asia, Africa and Mideast	(05.0129)
Asian History, Modern	(45.0865)
Asian Studies	(05.0127)
Asian and African Cultural Studies, Basic	(05.0124)
Asian and African Cultural Studies, General	(05.0125)
Asian and African Cultural Studies, Honors	(05.0126)
Asian and African Cultural Studies, Regents	(05.0125)
Asiatic Languages, Other	(16.0300)
Assemblage	(50.0722)
Assembly	(33.0131)
Astronomy	(40.0211)
Astronomy, Other	(40.0200)
Astrophysics, Other	(40.0300)
Atmospheric Sciences and Meteorology, Other	(40.0400)
Audio Electronics	(15.0311)
Audio Visuals	(10.0121)
Audiology and Speech Pathology, Other	(18.0100)
Auto Body 1	(47.0631)
Auto Body 2	(47.0632)
Auto Body Repair	(47.0631)
Auto Body Repair, Advanced	(47.0632)
Auto Body and Fender	(47.0631)
Auto Engines	(47.0621)
Auto Maintenance	(47.0641)

Auto Mechanics 1 (47.0621)
Auto Mechanics 2 (47.0622)
Auto Mechanics 3 (47.0623)
Auto Mechanics, Advanced (47.0623)
Auto Owner Maintenance (47.0651)
Auto Parts Merchandising (08.1211)
Auto Repair (47.0621)
Auto Service 1 (47.0641)
Auto Service 2 (47.0642)
Auto Tuneup (47.0622)
Auto Upholstery (48.0331)
Automotive Professional Training (08.1221)
Automotive Service Station Operation (08.1221)
Automotive Technology (47.0622)
Aviation Powerplant 1 (47.0671)
Aviation Powerplant 2 (47.0672)
Aviation Quality Control 1 (47.0681)
Aviation Quality Control 2 (47.0682)
Aviation Technology (49.0121)
Aviation, General (49.0121)
Avocational Experience (36.0191)
BASIC, Introduction (11.0241)
Background of Modern British Literature (23.0811)
Bacteriology (26.0511)
Baking (20.0431)
Ballet and Jazz for Beginners 9 (50.0351)
Ballet and Jazz for Beginners 10 (50.0352)
Ballet and Jazz for Beginners 11 (50.0353)
Ballet and Jazz for Beginners 12 (50.0354)
Balto-Slavic Languages, Other (16.0400)
Band 7 (50.0903)
Band 7, Advanced (50.0904)
Band 8 (50.0905)
Band 8, Advanced (50.0906)
Band 9 (50.0907)
Band 9, Advanced (50.0908)
Band Physical Education (36.0141)
Band, Concert (50.0909)
Band, Marching (50.0910)
Band, Symphonic (50.0911)
Bank Proof Operator (07.0231)
Bank Teller (07.0211)
Banking and Finance, Other (06.0300)
Banking and Related Financial Programs, Other (07.0200)
Barbering 1 (12.0421)
Barbering 2 (12.0422)
Barbering 3 (14.0423)
Barbershop Octet (50.0947)
Basic Clinical Health Sciences, Other (18.0200)
Basic Skills, Other (32.0100)
Behavioral Sciences, Introduction (42.0111)
Best Sellers (23.0153)
Beyond Regular Study (24.0131)
Bible Studies (38.0203)
Bible Studies, Other (39.0200)

Bible as Literature (23.0125)
Biblical Languages, Other (39.0100)
Bicultural Art (50.0729)
Big Books of the 20th Century (23.0122)
Bilingual/Bicultural Education, Other (13.0200)
Bindery (48.0241)
Biochemistry (26.0211)
Biochemistry and Biophysics, Other (26.0200)
Bioengineering and Biomedical Engineering, Other (14.0500)
Biography (23.0136)
Biological Technologies, Other (41.0100)
Biological and Physical Sciences, Other (30.0100)
Biology (26.0131)
Biology 2 (26.0142)
Biology Seminar (26.0181)
Biology, Advanced (26.0142)
Biology, Advanced Placement (26.0142)
Biology, Aquatic (26.0621)
Biology, Basic (26.0121)
Biology, College (26.0142)
Biology, College Preparatory (26.0141)
Biology, Essentials (26.0121)
Biology, Functional (26.0121)
Biology, General (26.0131)
Biology, Honors (26.0141)
Biology, Independent Study (26.0181)
Biology, Introductory (26.0131)
Biology, Other General (26.0100)
Biology, Patterns (26.0121)
Biology, Regents (26.0131)
Biology, Regional (26.0151)
Biopsychology (26.0171)
Black Experience (05.0231)
Black Fine Arts (50.0727)
Black History (05.0231)
Black Literature (23.0721)
Black Studies (05.0231)
Blueprint Reading (48.0141)
Boat Building (49.0321)
Body and Fender (47.0631)
Bookkeeping (07.0111)
Bookkeeping 1 (07.0111)
Bookkeeping 2 (07.0112)
Bookkeeping and Accounting 1 (07.0141)
Bookkeeping and Accounting 2 (07.0142)
Bookkeeping, Advanced (07.0112)
Bookkeeping, Beginning (07.0111)
Books and the Teenage Reader (23.0146)
Botany (26.0311)
Botany, Other (26.0300)
Brass and Percussion Class (50.0922)
Brasswind (50.0923)
Bricklaying and Masonry 1 (46.0111)
Bricklaying and Masonry 2 (46.0112)
Brickmasonry, Stonemasonry, and Tile Setting, Other (46.0100)

British Literature Survey (23.0811)
British Literature, Conventions and Experiments (23.0811)
Broadcast Journalism (09.0611)
Broadcast Management 1 (10.0141)
Broadcast Management 2 (10.0142)
Broadcasting Practicum (10.0143)
Broadcasting, Introduction (09.0711)
Building Construction 1 (46.0411)
Building Construction 2 (46.0412)
Building Human Relationships (35.0121)
Building Maintenance (46.0431)
Building Trades 1 (46.0411)
Building Trades 2 (46.0412)
Business Administration and Management, Other (06.0400)
Business Arithmetic (07.0171)
Business Careers 1 (07.0731)
Business Careers 2 (07.0732)
Business Careers 3 (07.0733)
Business Communications (07.0411)
Business Computer Applications (07.0331)
Business Computer Concepts (07.0311)
Business Computer Programming 1 (07.0331)
Business Computer Programming 2 (07.0332)
Business Data Processing 1 (07.0321)
Business Data Processing 2 (07.0322)
Business Data Processing and Related Programs, Other (07.0300)
Business Dynamics (06.0111)
Business Economics (06.0511)
Business Economics, Other (06.0500)
Business Education, Cooperative (06.0141)
Business English 1 (07.0411)
Business English 2 (07.0412)
Business Experience, Simulated (07.0733)
Business Home Economics, Other (19.0200)
Business Introduction (06.0111)
Business Law (06.0121)
Business Leadership (06.0411)
Business Machine Repair (47.0151)
Business Machines (07.0161)
Business Management (06.0411)
Business Mathematics 1 (07.0171)
Business Mathematics 2 (07.0172)
Business Opportunities (32.0102)
Business Organization and Management (06.0411)
Business Survey (06.0111)
Business and Management, Other (06.9900)
Business and Management, Other General (06.0100)
Business and Office, Other (07.9900)
Business and Personal Services Marketing, Other (08.0200)
Business, Basic (06.0111)
Business, General (06.0111)
Business, Independent Study (06.0131)
COBOL, Introduction (11.0251)
CPR and First Aid (17.0211)
Cabinetmaking 1 (48.0731)

Cabinetmaking 2 (48.0732)
Cable Television (10.0181)
Cafeteria Assistant (20.0481)
Calculus (27.0419)
Calculus and Analytic Geometry (27.0418)
Calculus, Advanced Placement (27.0420)
Calligraphy (50.0725)
Cantonese 1 (16.0311)
Cantonese 2 (16.0312)
Cantonese 3 (16.0313)
Care of the Nails and Skin (12.0411)
Career Communications (32.0118)
Career Computation 1 (07.0171)
Career Computation 2 (07.0172)
Career Development (32.0103)
Career Education (32.0103)
Career Exploration (32.0103)
Career Preparation (32.0102)
Carpentry 1 (46.0211)
Carpentry 2 (46.0212)
Carpentry 3 (46.0213)
Carpentry, Advanced (46.0212)
Carpentry, Other (46.0200)
Cartooning (50.0718)
Cashier Checker Training (08.0751)
Catering (20.0451)
Catholicism, Foundations (38.0201)
Cell Biology (26.0411)
Cell and Molecular Biology, Other (26.0400)
Ceramic Engineering, Other (14.0600)
Ceramics 7 (50.0261)
Ceramics 8 (50.0262)
Ceramics 9 (50.0263)
Ceramics 10 (50.0264)
Ceramics 11 (50.0265)
Ceramics 12 (50.0266)
Chamber Singers (50.0947)
Channels of Communication (09.0111)
Cheerleading (33.0121)
Chef (20.0441)
Chef Class (20.0411)
Chem Study (40.0521)
Chemical Engineering, Other (14.0700)
Chemical Manufacturing Technology (15.0621)
Chemical Technology 1 (17.0321)
Chemical Technology 2 (17.0322)
Chemistry (40.0521)
Chemistry 1 (40.0521)
Chemistry 2 (40.0522)
Chemistry Concepts (40.0511)
Chemistry Lab (17.0321)
Chemistry and Physics (40.0121)
Chemistry and Physics Laboratory Techniques (40.0131)
Chemistry for Health Science (17.0581)
Chemistry, Advanced (40.0522)

Chemistry, Advanced Placement (40.0522)
Chemistry, Applied (40.0551)
Chemistry, College Preparatory (40.0521)
Chemistry, Fundamentals (40.0511)
Chemistry, General (40.0511)
Chemistry, Independent Study (40.0561)
Chemistry, Interdisciplinary (40.0511)
Chemistry, Introductory (40.0511)
Chemistry, Other (40.0500)
Chemistry, Qualitative (17.0321)
Chemistry, Regents (40.0521)
Child Care Aide (20.0221)
Child Care Management (20.0231)
Child Care Services (20.0211)
Child Care and Guidance Management and Services, Other (20.0200)
Child Development 1 (20.0122)
Child Development 2 (20.0123)
Child Development 3 (20.0124)
Child Development 4 (20.0125)
Child Development 8 (20.0121)
Child Development Services (20.0211)
Child Psychology (42.0711)
Chinese and Japanese Cultures (05.0127)
Chiropractic, Other (18.0300)
Chorus 7 (50.0935)
Chorus 7, Advanced (50.0936)
Chorus 8 (50.0937)
Chorus 8, Advanced (50.0938)
Chorus 9 (50.0939)
Chorus 9, Advanced (50.0940)
Chorus 10 (50.0941)
Chorus 10, Advanced (50.0942)
Chorus 11 (50.0943)
Chorus 11, Advanced (50.0944)
Chorus 12 (50.0945)
Chorus 12, Advanced (50.0946)
Christian Sexuality and Marriage (38.0205)
Christian and Hebrew Scriptures (38.0203)
Cinematography (10.0151)
Circuits, Fundamental (21.0115)
Citizenship (45.1014)
Citizenship/Civic Activities, Other (33.0100)
City in United States History (45.1211)
City, Community, and Regional Planning, Other (04.0300)
Civics (45.1001)
Civics, Honors (45.1024)
Civil Air Patrol (28.0121)
Civil Engineering, Other (14.0800)
Civil Liberties and the Law (22.0121)
Civil Technologies, Other (15.0200)
Civil War (45.0825)
Civil War, Reconstruction and Industrialism (45.0826)
Classical Mythology (23.0211)
Classics, Other (23.0200)
Clear Thinking (38.0131)

Clerical Accounting 1 (07.0121)
Clerical Accounting 2 (07.0122)
Clerical Aide (33.0111)
Clerical On The Job Training (07.0741)
Clerk Typist (07.0731)
Clerk Typist 1 (07.0731)
Clerk Typist 2 (07.0732)
Clinical Pastoral Care, Other (30.0200)
Clinical Psychology, Other (42.0200)
Clothing 1 (20.0133)
Clothing 2 (20.0134)
Clothing 3 (20.0135)
Clothing 4 (20.0136)
Clothing 7 (20.0131)
Clothing 8 (20.0132)
Clothing Construction (20.0133)
Clothing Construction, Intermediate (20.0134)
Clothing Maintenance Aide (20.0321)
Clothing Occupations 1 (20.0311)
Clothing Occupations 2 (20.0312)
Clothing Occupations 3 (20.0313)
Clothing Production Management (20.0391)
Clothing, Apparel, and Textiles Management, Production, and Services, (20.0300)
Coast Guard Science, Other (28.0200)
Cognitive Psychology, Other (42.0300)
College Vocabulary Skill Building (23.0404)
College Writing (23.0154)
College and Career Planning (32.0102)
Color Guard (36.0141)
Color and Design (50.0723)
Commercial Art 1 (48.0211)
Commercial Art 2 (48.0212)
Commercial Art, Cooperative (48.0213)
Commercial Foods, Advanced (20.0412)
Commercial Foods, Basic (20.0411)
Commercial Garment and Apparel Construction (20.0331)
Commercial Heating and Air Conditioning (47.0211)
Communication Skills, Non College (23.0106)
Communication Technologies, Other (10.0100)
Communications Media Production (10.0121)
Communications Research, Other (09.0300)
Communications, Basic (23.1011)
Communications, Other (09.9900)
Communications, Other General (09.0100)
Communism and Its Growth (45.1023)
Community Civics (45.1001)
Community Health (17.0421)
Community Involvement (33.0151)
Community Psychology, Other (42.0400)
Community Service (33.0151)
Community Services, Other (44.0200)
Community and Intergroup Relations (45.1111)
Companion to the Aged (20.0641)
Comparative Cultural Patterns (45.0221)
Comparative Economics (45.0602)

Comparative Literature (23.0311)
Comparative Literature, Other (23.0300)
Comparative Political Systems (45.1020)
Comparative Political Systems, Basic (45.1019)
Comparative Psychology, Other (42.0500)
Comparative Religion (38.0206)
Comparative Religion and Philosophical Systems (38.0206)
Comparative World Cultures (05.0117)
Comparative World Governments (45.1020)
Comparison Buying and Budgeting (20.0141)
Comparisons in Literature (23.0311)
Competency Mathematics (27.0105)
Composition, Advanced (23.0402)
Composition, Expository (23.0401)
Composition, Musical (50.0949)
Composition, Other (23.0400)
Comprehensive Consumer Homemaking Home Economics, Independent Study (20.0118)
Comprehensive Consumer and Homemaking Home Economics 1 (20.0113)
Comprehensive Consumer and Homemaking Home Economics 2 (20.0114)
Comprehensive Consumer and Homemaking Home Economics 3 (20.0115)
Comprehensive Consumer and Homemaking Home Economics 4 (20.0116)
Comprehensive Consumer and Homemaking Home Economics 7 (20.0111)
Comprehensive Consumer and Homemaking Home Economics 8 (20.0112)
Computational Skills 1 (27.0106)
Computational Skills 2 (27.0107)
Computer Applications (11.0131)
Computer Applications, Independent Study (11.0132)
Computer Appreciation (11.0111)
Computer Concepts (11.0311)
Computer Engineering, Other (14.0900)
Computer Literacy (11.0111)
Computer Mathematics 1 (11.0121)
Computer Mathematics 2 (11.0122)
Computer Operator (07.0351)
Computer Problem Solving (11.0121)
Computer Programming 1 (11.0211)
Computer Programming 2 (11.0212)
Computer Programming, Other (11.0200)
Computer Science, Advanced Placement (11.0141)
Computer and Information Sciences, Other (11.9900)
Computer and Information Sciences, Other General (11.0100)
Computers in Business (07.0311)
Computers, Introduction (11.0111)
Concert Chorale (50.0947)
Concert Orchestra (50.0919)
Conditioning and Athletics (36.0171)
Conducting (50.0951)
Conservation and Regulation (03.0211)
Conservation and Regulation, Other (03.0200)
Constitution and Presidency (45.1005)
Constitutional History (45.1006)
Construction Trades, Other (46.9900)
Consumer Aide (20.0651)
Consumer Auto (47.0651)
Consumer Chemistry (40.0551)

Consumer Economics (45.0603)
Consumer Education 1 (20.0141)
Consumer Education 2 (20.0142)
Consumer Mathematics (27.0114)
Consumer and Homemaking Home Economics, Other (20.0100)
Consumer and the Economy (45.0603)
Consumer, Personal, and Miscellaneous Services, Other (12.9900)
Contemporary America (05.0104)
Contemporary American Issues (45.1014)
Contemporary American Political Issues (45.1014)
Contemporary American Political Issues, Honors (45.1015)
Contemporary American Problems (45.1014)
Contemporary Composition (23.0401)
Contemporary Fiction (23.0122)
Contemporary Issues, Basic Skills (32.0119)
Contemporary Music 9 (50.0955)
Contemporary Music 10 (50.0956)
Contemporary Music 11 (50.0957)
Contemporary Music 12 (50.0958)
Contemporary World Affairs (45.1010)
Cooking for Compliments (20.0184)
Cooperative Education 1 (32.0106)
Cooperative Education 2 (32.0107)
Cooperative Training, Diversified (32.0106)
Coping with Personal Problems (37.0121)
Cosmetology (12.0411)
Cosmetology 2 (12.0412)
Cosmetology 3 (12.0413)
Cosmetology, Advanced (12.0412)
Counseling Psychology, Other (42.0600)
Crafts 7 (50.0211)
Crafts 8 (50.0212)
Crafts 9 (50.0213)
Crafts 10 (50.0214)
Crafts 11 (50.0215)
Crafts 11, Advanced (50.0221)
Crafts 12 (50.0216)
Crafts 12, Advanced (50.0222)
Crafts, Other (50.0200)
Creative Coiffure and Shaping and Conditioning Hair (12.0411)
Creative Crafts 9 (50.0213)
Creative Crafts 10 (50.0214)
Creative Crafts 11 (50.0215)
Creative Crafts 11, Advanced (50.0221)
Creative Crafts 12 (50.0216)
Creative Dance 10 (50.0312)
Creative Dance 11 (50.0313)
Creative Dance 12 (50.0314)
Creative Writing 1 (23.0511)
Creative Writing 2, Workshop (23.0512)
Creative Writing 10 (23.0511)
Creative Writing 11 (23.0512)
Creative Writing 12 (23.0513)
Creative Writing, Independent Study (23.0521)
Creative Writing, Other (23.0500)

Criminal Justice, Other (43.0100)
Criminal Law (22.0111)
Criminology and Justice (22.0121)
Criminology, Other (45.0400)
Critical Issues (45.1010)
Crop Production (01.0331)
Culinary Arts 1 (20.0411)
Culinary Arts 2 (20.0412)
Cultural Anthropology, Research (45.0241)
Cultural Pluralism (45.0221)
Cultural and Physical Geography (45.0704)
Current Affairs (45.1010)
Current Events (45.1010)
Current World History (45.0838)
Curriculum and Instruction, Other (13.0300)
Custodial Services (20.0611)
Custom Apparel Construction (20.0341)
Custom Drapery and Window Treatment Design (20.0551)
Custom Slipcovering and Upholstering (20.0561)
Custom Tailoring and Alteration (20.0351)
Czech 1 (16.0431)
Czech 2 (16.0432)
Czech 3 (16.0433)
Dairy Production (02.0241)
Dance 9, Advanced (50.0331)
Dance 10, Advanced (50.0332)
Dance 11, Advanced (50.0333)
Dance 12, Advanced (50.0334)
Dance, Other (50.0300)
Data Entry Operator (07.0351)
Data Processing (11.0311)
Data Processing 2 (11.0312)
Data Processing Systems and Procedures (11.0311)
Data Processing, Advanced (11.0313)
Data Processing, Intermediate (11.0312)
Data Processing, Introduction (11.0311)
Data Processing, Other (11.0300)
Data Systems 1 (11.0311)
Death (23.0149)
Death and Dying (45.1161)
Debate Practicum Contract (23.1031)
Debate and Argumentation (23.1022)
Decision Making in a Crisis (45.1012)
Decorator Crafts (50.0231)
Demography, Other (45.0500)
Dental Assistant 1 (17.0111)
Dental Assistant 2 (17.0112)
Dental Assistant, Cooperative (17.0121)
Dental Office Assisting (17.0111)
Dental Services, Other (17.0100)
Dental Technology (17.0131)
Dental Technology 2 (17.0132)
Dentistry, Other (18.0400)
Design (50.0723)
Design Crafts 11, Advanced (50.0221)

Design, Other (50.0400)
Developing Nations (05.0121)
Developing World (05.0121)
Development of Civilization (45.0848)
Developmental Psychology, Other (42.0700)
Diagnostic and Treatment Services, Other (17.0200)
Dictation and Transcription (07.0621)
Diesel Mechanics (47.0321)
Dietetic Aide (20.0461)
Discussion and Debate (23.1022)
Distribution 1 (08.0711)
Distribution 2 (08.0712)
Distribution and Marketing (08.0711)
Distributive Education 1 (08.0711)
Distributive Education 1, Cooperative (08.0721)
Distributive Education 2 (08.0712)
Distributive Education 2, Cooperative (08.0722)
Distributive Education 3 (08.0713)
Distributive Education, Independent Study (08.0771)
Drafting 1 (48.0111)
Drafting 1, Cooperative (48.0151)
Drafting 2 (48.0112)
Drafting 2, Cooperative (48.0152)
Drafting 3 (48.0113)
Drafting 4 (48.0114)
Drafting Fundamentals (48.0111)
Drafting, Other (48.0100)
Drafting, Technical (48.0112)
Drama, History (50.0551)
Drama, Independent Study (50.0561)
Drama, Introduction (23.0127)
Dramatic Arts, Other (50.0500)
Dramatics 10 (50.0512)
Dramatics 11 (50.0513)
Dramatics 12 (50.0514)
Drawing (50.0714)
Drawing Techniques (50.0714)
Drawing and Color (50.0714)
Drawing and Painting (50.0714)
Drill Team (36.0141)
Driver Education, Classroom (34.0151)
Driver Education, Practice (34.0152)
Drugs Alcohol and Tobacco (34.0141)
Dry Cleaning (12.0111)
Drycleaning and Laundering Services, Other (12.0100)
Ear Training and Sight Singing (50.0948)
Early Childhood Workshop (20.0211)
Early Western Civilization (45.0843)
Early World History (45.0848)
Earth Science (40.0611)
Earth Science 9 (40.0611)
Earth Science, College Preparatory (40.0621)
Earth Science, General (40.0611)
East Asian Studies (05.0127)
Eastern Civilization (45.0863)

Eastern Religious Thought (38.0208)
Ecology (26.0611)
Economic Geography (45.0708)
Economic Survival (20.0141)
Economic and Political Geography (45.0708)
Economics (45.0601)
Economics 1 (45.0601)
Economics 2 (45.0602)
Economics Now (45.0602)
Economics and Economic Problems (45.0602)
Economics and the Consumer (45.0603)
Economics for Today and the Future (45.0602)
Economics of Afro Americans (05.0241)
Economics, Analysis and Criticism (45.0610)
Economics, Basic (45.0601)
Economics, College (45.0611)
Economics, Other (45.0600)
Economics, Personal (20.0141)
Economics, Theory (45.0601)
Education Administration, Other (13.0400)
Education, Other (13.9900)
Education, Other General (13.0100)
Educational Media, Other (13.0500)
Educational Psychology (42.0321)
Effective Reading (23.0153)
Elections, Politics and Morality, Honors (45.1009)
Electric Power and Communications Lineworker (46.0321)
Electrical Technology (15.0321)
Electrical Trades (21.0113)
Electrical Trades, Advanced (21.0114)
Electrical Wiring Practices (21.0114)
Electrical and Electronic Equipment Repair, Other (47.0100)
Electrical and Electronic Technologies, Other (15.0300)
Electrical and Power Transmission Installation, Other (46.0300)
Electrical, Electronics, and Communications, Other (14.1000)
Electricity 1 (21.0113)
Electricity 2 (21.0114)
Electricity and Electronics Science (40.0841)
Electricity and Electronics, Advanced (21.0120)
Electricity and Electronics, Agricultural (01.0251)
Electricity and Electronics, Introduction (21.0119)
Electricity, Basic (21.0113)
Electromechanical Instrumentation and Maintenance Technologies, Other (15.0400)
Electromechanical Technology (15.0411)
Electronic Composition (48.0251)
Electronic Data Processing (11.0311)
Electronic Music, Introduction (50.0925)
Electronic Servicing (47.0121)
Electronic Technology 1 (15.0331)
Electronic Technology 2 (15.0332)
Electronics 1 (21.0115)
Electronics 2 (21.0116)
Electronics 3 (21.0117)
Electronics 4 (21.0118)
Electronics Science (40.0841)

Electronics, Basic (21.0115)
Electronics, Digital (21.0116)
Elementary Functions (27.0416)
Emergency/Disaster Science, Other (18.0500)
Emerging Nations (05.0121)
Enameling (50.0241)
Energy Education (45.0608)
Energy and Environment (30.0631)
Energy and Transportation 1 (47.0511)
Energy and Transportation 2 (47.0512)
Engineering Concepts (30.0311)
Engineering Drafting (48.0131)
Engineering Drawing 1 (48.0131)
Engineering Drawing 2 (48.0132)
Engineering Graphics 1 (48.0131)
Engineering Graphics 2 (48.0132)
Engineering Mechanics, Other (14.1100)
Engineering Physics, Other (14.1200)
Engineering Science, Other (14.1300)
Engineering and Engineering-Related Technologies, Other (15.9900)
Engineering and Other Disciplines, Other (30.0300)
Engineering, Other (14.9900)
Engineering, Other General (14.0100)
English 1 (23.0107)
English 1, Below Grade Level (23.0106)
English 1, Honors (23.0108)
English 2 (23.0110)
English 2, Below Grade Level (23.0109)
English 2, Honors (23.0111)
English 3 (23.0113)
English 3, Below Grade Level (23.0112)
English 3, Honors (23.0114)
English 4 (23.0116)
English 4, Below Grade Level (23.0115)
English 4, Honors (23.0117)
English 7 (23.0101)
English 7, Above Grade Level (23.0102)
English 7, Honors (23.0102)
English 8 (23.0104)
English 8, Above Grade Level (23.0105)
English 8, Average (23.0104)
English 8, Below Grade Level (23.0103)
English 8, Honors (23.0105)
English 9, Average (23.0107)
English 9, Basic (23.0106)
English 9, Honors (23.0108)
English 10, Average (23.0110)
English 10, Basic (23.0109)
English 10, Honors (23.0111)
English 11, Average (23.0113)
English 11, Basic (23.0112)
English 11, Honors (23.0114)
English 12, Average (23.0116)
English 12, Basic (23.0115)
English 12, Honors (23.0117)

English History (45.0849)
English History, Honors (45.0850)
English Language, Logic and Reason (38.0131)
English as a Second Language 1 (16.0121)
English as a Second Language 2 (16.0122)
English as a Second Language 3 (16.0123)
English as a Second Language, Skills Lab (16.0124)
English, Advanced Placement (23.0117)
English, Functional (32.0118)
English, Other General (23.0100)
English, Personal (32.0118)
English, Real Life Problem Solving (23.0152)
Ensemble, Instrumental (50.0926)
Entertainment Services, Other (12.0200)
Entrepreneurship, Other (08.0300)
Environmental Control Technologies (15.0511)
Environmental Control Technologies, Other (15.0500)
Environmental Design, Other (04.0400)
Environmental Health Engineering, Other (14.1400)
Environmental Issues (30.0621)
Environmental Science (30.0621)
Epidemiology, Other (18.0600)
Epistemics (38.0141)
Ethics (38.0121)
Ethnic Art History (50.0731)
Ethnic Dance (50.0361)
Ethnic Literature (23.0141)
Ethnic Studies, Other (05.0200)
Ethnic and Family Heritage (05.0221)
Etymology (23.0412)
Europe and Current Events (05.0119)
European Civics (45.1024)
European Culture Studies, Basic (05.0118)
European Culture Studies, General (05.0119)
European Culture Studies, Honors (05.0120)
European Culture Studies, Regents (05.0119)
European History (45.0842)
European History, Advanced Readings (45.0855)
European History, Mid-Nineteenth Through Mid-Twentieth Centuries, (45.0853)
European History, Modern, Advanced Placement (45.0856)
European History, Twentieth Century (45.0854)
Evaluation and Research, Other (13.0600)
Everyday Law (22.0121)
Executive Housekeeping (20.0621)
Experimental Psychology, Other (42.0800)
Expository Writing (23.0401)
Eye on the World (45.0835)
FORTRAN, Introduction (11.0221)
Factors that Made America Great (05.0104)
Family Care Services (20.0241)
Family Health 1 (20.0161)
Family Health 2 (20.0162)
Family Living (20.0171)
Family Meals (20.0183)
Family Nursing (20.0161)

Family Nursing, Advanced (20.0162)
Family Relations (20.0171)
Family Sociology (20.0171)
Family and Community Services, Other (19.0300)
Family/Consumer Resource Management, Other (19.0400)
Famous Personalities (23.0136)
Far East, History (45.0864)
Farm Construction (01.0241)
Farm and Ranch Management (01.0131)
Fashion Design and Clothing Occupations (20.0311)
Fashion Design and Illustration (08.0121)
Fashion Merchandising (08.0111)
Fashion and Fabric Coordination (20.0371)
Federal Government (45.1004)
Fertilizers and Chemicals (02.0521)
Fiction and Fantasy (23.0138)
Field Biology (26.0151)
Field Geography, Honors (45.0710)
Figure Control (36.0171)
Figure Drawing (50.0724)
Filing Your Income Taxes (45.0604)
Film Appreciation (50.0611)
Film Arts, Other (50.0600)
Film Criticism (50.0611)
Film Making and Production 1 (10.0151)
Film Making and Production 2 (10.0152)
Film Study (50.0611)
Film Technology (10.0151)
Filming and Staging (10.0151)
Financial Careers (06.0311)
Financial Mathematics (07.0221)
Financial Services Marketing, Other (08.0400)
Fine Arts 7 (50.0701)
Fine Arts 8 (50.0702)
Fine Arts Studio (50.0703)
Fine Arts, Other (50.0700)
Fire Fighting Practices (43.0211)
Fire Protection, Other (43.0200)
Fire Safety Education (43.0221)
Fire Science (43.0211)
First Aid (17.0211)
Fish Production (02.0281)
Fishing and Fisheries, Other (03.0300)
Fitness (36.0171)
Floral Design (20.0521)
Floral Sales (08.0511)
Floriculture (01.0621)
Floriculture and Gardening (01.0621)
Floristry, Farm and Garden Supplies Marketing, Other (08.0500)
Folk Dance (50.0361)
Folk Music, Ethnic (50.0964)
Folklore, American (23.0741)
Food Marketing, Other (08.0600)
Food Production, Management, and Services, Other (20.0400)
Food Sciences and Human Nutrition, Other (19.0500)

Food Sciences, Other (02.0300)
Food Service Cooperative Training (20.0421)
Food Service Training 1 (20.0411)
Food Service Training 2 (20.0412)
Food Service, Vocational (20.0421)
Food Testing (20.0471)
Foods 1 (20.0183)
Foods 2 (20.0184)
Foods 3 (20.0185)
Foods 4 (20.0186)
Foods Preparation, Advanced (20.0185)
Foods Preparation, Basic (20.0183)
Foods Preparation, Intermediate (20.0184)
Foods and Nutrition 7 (20.0181)
Foods and Nutrition 8 (20.0182)
Foods, Experimental (20.0185)
Foreign Foods (20.0187)
Foreign Language Contract, French (16.0909)
Foreign Language Contract, German (16.0519)
Foreign Language Contract, Italian (16.0919)
Foreign Language Contract, Latin (16.0925)
Foreign Language Contract, Russian (16.0427)
Foreign Language Contract, Spanish (16.0939)
Foreign Language, Exploratory (16.0111)
Foreign Languages, Multiple Emphasis, Other (16.0100)
Foreign Languages, Other (16.9900)
Foreign Policy Problems (45.0911)
Forensic Studies (43.0121)
Forensics (23.1011)
Forestry Production and Processing, Other (03.0400)
Forestry Science 1 (03.0511)
Forestry Science 2 (03.0512)
Forestry and Related Sciences, Other (03.0500)
Forestry, Introduction (03.0511)
Forklift Operator (49.0211)
Foster Care and Family Care (20.0241)
Founding of America (45.0811)
Foundry 1 (48.0551)
Foundry 2 (48.0552)
Framework of the Constitution (45.1006)
Free Enterprise (45.0602)
French 1 (16.0903)
French 2 (16.0904)
French 3 (16.0905)
French 4 (16.0906)
French 5 (16.0907)
French 7 (16.0901)
French 8 (16.0902)
French 9 (16.0903)
French 10 (16.0904)
French 11 (16.0905)
French 12 (16.0906)
French Field-Based Experience (16.0908)
French Reading and Conference (16.0908)
French Revolution, Honors (45.0851)

French Seminar (16.0908)
French for Travelers (16.0908)
French, Advanced Placement (16.0907)
French, Conversational (16.0910)
Frontier Literature (23.0771)
Fruit and Vegetable Production (01.0681)
Fun With Words (23.0404)
Funeral Services, Other (12.0300)
Furniture Refinishing (48.0721)
Future Worlds (30.0611)
Futuristics (30.0611)
General Marketing, Other (08.0700)
Genetics (26.0161)
Geography (45.0704)
Geography 8 (45.0701)
Geography, Eastern Hemisphere (45.0706)
Geography, North American (45.0703)
Geography, Other (45.0700)
Geography, United States (45.0702)
Geography, Western Hemisphere and Africa (45.0705)
Geological Engineering, Other (14.1500)
Geological Sciences, Other (40.0600)
Geology (40.0631)
Geometric Design (27.0409)
Geometry (27.0408)
Geometry, Advanced (27.0412)
Geometry, Informal (27.0409)
Geometry, Intuitive (27.0409)
Geometry, Occupational (27.0409)
Geometry, Physical (27.0409)
Geometry, Plane (27.0406)
Geometry, Practical (27.0409)
Geometry, Solid (27.0407)
Geophysical Engineering, Other (14.1600)
German 1 (16.0513)
German 2 (16.0514)
German 3 (16.0515)
German 4 (16.0516)
German 5 (16.0517)
German 7 (16.0511)
German 8 (16.0512)
German 9 (16.0513)
German 10 (16.0514)
German 11 (16.0515)
German 12 (16.0516)
German Field-Based Experience (16.0518)
German for Survival (16.0511)
German, Advanced Placement (16.0517)
German, Independent Study (16.0519)
German, Reading and Conference (16.0518)
Germanic Languages, Other (16.0500)
Glee Club (50.0947)
Global Education (05.0138)
Global Issues (05.0138)
Global Perspectives (05.0138)

Global Relations (45.0911)
Global Studies (05.0138)
Gourmet Foods (20.0185)
Government (45.1004)
Government Internship (45.1026)
Government and Contemporary American Problems (45.1003)
Government and Decision Making (45.1004)
Government and Politics (45.1008)
Government, Basic (45.1003)
Grammar 7 (23.0406)
Grammar 8 (23.0407)
Grammar 9 (23.0408)
Grammar 10 (23.0409)
Grammar 11 (23.0410)
Grammar 12 (23.0411)
Grammar Review 10, College Preparation (23.0409)
Grammar Review 11, College Preparation (23.0410)
Grammar Review 12, College Preparation (23.0411)
Graphic Arts 1 (48.0221)
Graphic Arts 2 (48.0222)
Graphic Arts 3 (48.0223)
Graphic Arts 4 (48.0224)
Graphic Arts Technology, Other (50.0800)
Graphic Communications 1 (48.0221)
Graphic Communications 2 (48.0222)
Graphic Design (50.0411)
Graphic and Printing Communications, Other (48.0200)
Greek, Other (16.0600)
Greenhouse Management (01.0641)
Guidance (32.0102)
Guitar, Advanced (50.0929)
Guitar, Beginning (50.0927)
Guitar, Intermediate (50.0928)
Gym Aide (34.0161)
Gymnastics (36.0131)
Handbells (50.0930)
Handwriting (23.0413)
Harmony and Composition (50.0949)
Hawaiian 1 (16.0341)
Hawaiian 2 (16.0342)
Hawaiian 3 (16.0343)
Hawaiian 4 (16.0344)
Hawaiian Culture Studies, Modern (05.0291)
Hawaiian Language and Culture (16.0345)
Hawaiiana (05.0281)
Health 7 (34.0131)
Health 8 (34.0132)
Health 9 (34.0133)
Health 10 (34.0134)
Health 11 (34.0135)
Health 12 (34.0136)
Health Biology (26.0761)
Health Careers (17.0511)
Health Occupations 1 (17.0511)
Health Occupations 2 (17.0521)

Health Occupations Training (17.0521)
Health Occupations, Independent Study (17.0591)
Health Office (17.0611)
Health Safety and Physical Education 9 (34.0113)
Health Safety and Physical Education 10 (34.0114)
Health Safety and Physical Education 11 (34.0115)
Health Safety and Physical Education 12 (34.0116)
Health Science 7 (34.0131)
Health Science 8 (34.0132)
Health Science 9 (34.0133)
Health Science 10 (34.0134)
Health Science 11 (34.0135)
Health Science 12 (34.0136)
Health Sciences Administration, Other (18.0700)
Health Sciences, Other (18.9900)
Health Technology (17.0311)
Health-Related Activities, Other (34.0100)
Heating, Air Conditioning, and Refrigeration Mechanics, Other (47.0200)
Heavy Equipment Mechanics (47.0311)
Hebrew 1 (16.1111)
Hebrew 2 (16.1112)
Hebrew 3 (16.1113)
Hebrew 4 (16.1114)
Hematology, Other (18.0800)
Heroes (23.0147)
Heroes, Gods and Monsters (23.0126)
Historic Events, United States (45.0823)
Historical Personalities and Ideas (42.1011)
Historical Research (45.0869)
History and Geography 7 (45.0801)
History of China (05.0128)
History of Russia (05.0136)
History of World Civilization (45.0835)
History of the Future (30.0611)
History, Other (45.0800)
Home Arts (20.0113)
Home Decorating (20.0531)
Home Decorative Crafts 1 (50.0214)
Home Decorative Crafts 2 (50.0215)
Home Economics 1 (20.0113)
Home Economics 2 (20.0114)
Home Economics 3 (20.0115)
Home Economics 4 (20.0116)
Home Economics 7 (20.0111)
Home Economics 8 (20.0112)
Home Economics Job Training Exploration (20.0151)
Home Economics Laboratory Assistant (20.0153)
Home Economics Leadership (20.0154)
Home Economics Occupations 1, Exploratory (20.0151)
Home Economics Occupations 2, Exploratory (20.0152)
Home Economics, Other (19.9900)
Home Economics, Other General (19.0100)
Home Environment Occupations (20.0513)
Home Finance (32.0101)
Home Furnishings (20.0511)

Home Furnishings Aide (20.0541)
Home Furnishings and Equipment Managment, Production, and Services, (20.0500)
Home Health Aide (17.0411)
Home Maintenance and Repair (46.0441)
Home Management 1 (20.0191)
Home Management 2 (20.0192)
Home Mechanics (46.0411)
Home and Office Products Marketing, Other (08.0800)
Home-Service Assisting (20.0571)
Homemaker's Aide (20.0631)
Homemaker's Assistant, Home Management (20.0631)
Homemaking 1 (20.0113)
Homemaking 2 (20.0114)
Homemaking 3 (20.0115)
Homemaking 4 (20.0116)
Homemaking 7 (20.0111)
Homemaking 8 (20.0112)
Homemaking, General (20.0113)
Homes and Interiors (20.0511)
Horse Production (02.0261)
Horticulture (01.0611)
Horticulture Power Equipment Operation and Maintenance (01.0661)
Horticulture, Other (01.0600)
Hospitality and Recreation Marketing, Other (08.0900)
Hotel and Motel Management (06.0711)
Hotel and Motel Training (06.0712)
House Construction (46.0411)
Housewiring 1 (46.0311)
Housewiring 2 (46.0312)
Housing and Interior Design 1 (20.0511)
Housing and Interior Design 2 (20.0512)
How the West Was Won (05.0108)
Human Behavior (42.0111)
Human Biology (26.0751)
Human Communities (30.0621)
Human Environment and Housing, Other (19.0600)
Human Resources Development, Other (06.0600)
Human Services (44.0711)
Human Sexuality and Reproduction (34.0191)
Human Studies (37.0111)
Human and Cultural Geography (45.0709)
Humanistic Psychology (42.1021)
Humanities (30.0411)
Humanities and Social Sciences, Other (30.0400)
Humanities of Western Civilization (30.0421)
Humanities, African (30.0441)
Humanities, American (30.0431)
Humanities, European (30.0421)
Humanities, Near East and Far East (30.0451)
Humor (23.0135)
Hydraulics and Pneumatics (47.0521)
Ideas in Conflict (45.1012)
Illustration, Technical (48.0113)
Improvisation and Mime (50.0521)
Income Taxes (45.0604)

Independent Living (20.0117)
Independent Study (24.0131)
Indian Literature (23.0751)
Indians of North America (05.0251)
Indic Languages, Other (16.0700)
Individual and Family Development, Other (19.0700)
Individual vs. State (45.1007)
Industrial Arts 1 (21.0103)
Industrial Arts 2 (21.0104)
Industrial Arts 3 (21.0105)
Industrial Arts 4 (21.0106)
Industrial Arts 7 (21.0101)
Industrial Arts 8 (21.0102)
Industrial Arts Orientation (21.0103)
Industrial Arts Research (21.0126)
Industrial Arts, Independent Study (21.0126)
Industrial Arts, Other (21.0100)
Industrial Cooperative Training (21.0109)
Industrial Cooperative Training, Advanced (21.0110)
Industrial Cooperative Work Experience (21.0111)
Industrial Cooperative Work Experience, Advanced (21.0112)
Industrial Crafts 1 (21.0103)
Industrial Crafts 2 (21.0104)
Industrial Education Management Trainee (21.0125)
Industrial Electricity (47.0161)
Industrial Electronics (47.0171)
Industrial Engineering, Other (14.1700)
Industrial Equipment Maintenance and Repair, Other (47.0300)
Industrial Equipment Mechanics (47.0311)
Industrial Machine (21.0121)
Industrial Materials 1 (21.0103)
Industrial Materials 2 (21.0104)
Industrial Mechanics 1 (47.0311)
Industrial Mechanics 2 (47.0312)
Industrial Occupations 1 (21.0109)
Industrial Occupations 2 (21.0110)
Industrial Production (21.0108)
Industrial Production Technologies, Other (15.0600)
Industrial Production Technology (15.0611)
Industrial and Organizational Psychology, Other (42.0900)
Industry and Technology (21.0107)
Information Sciences and Systems, Other (11.0400)
Institutional Management, Other (06.0700)
Institutional, Home Management, and Supporting Services, Other (20.0600)
Instructional Assistant (33.0111)
Instrument Maintenance and Repair (47.0421)
Instrumental String Class (50.0921)
Instrumentation Technology (15.0421)
Insurance Careers (06.0811)
Insurance Marketing, Other (08.1000)
Insurance Theory (45.0605)
Insurance and Risk Management, Other (06.0800)
Interior Design (04.0511)
Interior Design Occupations (20.0513)
Interior Design, Other (04.0500)

International Agriculture, Other (01.0700)
International Business Management, Other (06.0900)
International Foods (20.0187)
International Law (45.0931)
International Public Service, Other (44.0300)
International Relations (45.0911)
International Relations, Honors (45.0921)
International Relations, Other (45.0900)
International and Comparative Education, Other (13.0700)
International/Comparative Home Economics, Other (19.0800)
Interpersonal Communication (23.0414)
Interpersonal Relationships (35.0111)
Interpersonal Skills, Other (35.0100)
Investment Economics (45.0606)
Investments and Securities, Other (06.1000)
Investments and Taxation (06.1011)
Iranian Languages, Other (16.0800)
Irish Literature (23.0123)
Israel, History (45.0862)
Italian 1 (16.0913)
Italian 2 (16.0914)
Italian 3 (16.0915)
Italian 4 (16.0916)
Italian 5 (16.0917)
Italian 7 (16.0911)
Italian 8 (16.0912)
Italian 9 (16.0913)
Italian 10 (16.0914)
Italian 11 (16.0915)
Italian 12 (16.0916)
Italian Field-Based Experience (16.0918)
Italian, Advanced Placement (16.0917)
Italic Languages, Other (16.0900)
Japanese 1 (16.0331)
Japanese 2 (16.0332)
Japanese 3 (16.0333)
Japanese 4 (16.0334)
Japanese 5 (16.0335)
Jazz Ensemble (50.0926)
Jazz and Stage Ensemble (50.0965)
Jewelry (50.0251)
Jewish Historical Significance (05.0261)
Job Entry (32.0104)
Job Entry Training (32.0102)
Job Training (32.0105)
Journalism (Mass Communications), Other (09.0400)
Journalism 1 (09.0411)
Journalism 2 (09.0412)
Journalism 3 (09.0413)
Journalism Investigations (09.0421)
Journalism Lab (09.0412)
Judaism, Foundations (38.0214)
Junior Achievement (08.0321)
Junior Executive Training (06.0411)
Keyboard (50.0931)

Keyboarding (07.0361)
Keypunch Operator (07.0341)
Kitchen Survival (20.0183)
Korean 1 (16.0351)
Korean 2 (16.0352)
Korean 3 (16.0353)
Korean 4 (16.0354)
Korean 5 (16.0355)
Labor Industrial Relations, Other (06.1100)
Laboratory Assistant (33.0111)
Laboratory Program 1 (17.0311)
Laboratory Program 2 (17.0312)
Landscape Architecture, Other (04.0600)
Landscape Design (01.0631)
Landscape Maintenance and Construction (01.0631)
Landscaping (01.0631)
Landscaping and Home Fruit Production (01.0631)
Landscaping, Advanced (01.0632)
Language Structure 10 (23.0409)
Language Structure 11 (23.0410)
Language Structure 12 (23.0411)
Language Structure 7 (23.0406)
Language Structure 8 (23.0407)
Language Structure 9 (23.0408)
Language and Thought (23.0611)
Language of the Cinema (50.0612)
Language, Developmental (32.0113)
Latin 1 (16.0920)
Latin 2 (16.0921)
Latin 3 (16.0922)
Latin 4 (16.0923)
Latin 5 (16.0924)
Latin 9 (16.0920)
Latin 10 (16.0921)
Latin 11 (16.0922)
Latin 12 (16.0923)
Latin America (05.0113)
Latin America and the Caribbean (05.0113)
Latin American History (45.0860)
Latin American Studies (05.0113)
Latin Graffiti for Anybody (16.0920)
Latin, Advanced Placement (16.0924)
Law Enforcement (43.0111)
Law Enforcement and the Courts (22.0121)
Law Fundamentals (22.0111)
Law Science (43.0121)
Law and Juvenile Justice (22.0121)
Law and You (22.0121)
Law, Other (22.0100)
Leatherwork 1 (48.0311)
Leatherwork 2 (48.0312)
Leatherworking and Upholstering, Other (48.0300)
Legal Office Procedures (07.0661)
Legal Rights (22.0111)
Leisure and Recreational Activities, Other (36.0100)

Let's Laugh (23.0135)
Lettering (48.0231)
Letters, Other (23.9900)
Liberal Studies (24.0111)
Liberal/General Studies, Other (24.0100)
Liberty and the Law (45.1007)
Library Aide (25.0311)
Library Assistant (25.0311)
Library Assisting, Other (25.0300)
Library Science (25.0111)
Library Science, Other (25.0400)
Library Skills (25.0111)
Library and Archival Sciences, Other (25.9900)
Library and Archival Sciences, Other General (25.0100)
Life Drawing (50.0724)
Life Saving (34.0171)
Life Science (26.0121)
Life Science 7 (26.0111)
Life Sciences, Other (26.9900)
Lifestyles (20.0172)
Lighting Fundamentals, Theater (50.0431)
Limits and Functions (27.0416)
Linear Algebra (27.0417)
Linguistics (23.0611)
Linguistics (includes Phonetics, Semantics, and Philology), Other (23.0600)
Literary Magazine (09.0431)
Literature of Black America (23.0721)
Literature of Human Values (23.0140)
Literature of the Bible (23.0125)
Literature of the Mysterious (23.0138)
Literature, American, Other (23.0700)
Literature, Contemporary (23.0122)
Literature, English, Other (23.0800)
Literature, Individualized (23.0153)
Livestock 9 (02.0221)
Livestock 10 (02.0222)
Living Environments (20.0511)
Logic (38.0131)
Machine Drawing (48.0113)
Machine Lab (21.0121)
Machine Metals (48.0511)
Machine Shop 1 (21.0121)
Machine Shop 2 (21.0122)
Machine Shop 3 (21.0123)
Machine Shop 4 (21.0124)
Machine Shorthand (07.0621)
Machine Woodworking (48.0712)
Madrigal Singers (50.0947)
Major Appliance Repair (47.0131)
Major British Writers (23.0811)
Making of Modern Russia (05.0133)
Man and His Environment (45.0709)
Man and Nature (23.0120)
Man in a New World (23.0119)
Management Information Systems, Other (06.1200)

Management Science, Other (06.1300)
Mandarin 1 (16.0321)
Mandarin 2 (16.0322)
Mandarin 3 (16.0323)
Mandarin 4 (16.0324)
Mandarin 5 (16.0325)
Manufacturing and Production (21.0108)
Marine Biology (26.0621)
Marine Biology 2 (26.0622)
Marine Biology, Advanced (26.0622)
Marine Corps Leadership Education 1 (28.0421)
Marine Corps Leadership Education 2 (28.0422)
Marine Corps Leadership Education 3 (28.0423)
Marine Corps Leadership Education 4 (28.0424)
Marine Engine and Boat Repair 1 (49.0311)
Marine Engine and Boat Repair 2 (49.0312)
Marine Mechanics, Advanced (49.0312)
Marine Mechanics, Basic (49.0311)
Marine Studies (26.0621)
Marketing Management and Decision Making (06.1411)
Marketing Management and Research, Other (06.1400)
Marketing Occupational Experience (08.0721)
Marketing Studies (06.1411)
Marketing and Distribution 1 (08.0711)
Marketing and Distribution 2 (08.0712)
Marketing and Distribution, Other (08.9900)
Marriage Society and Change (20.0172)
Marriage, Life Choices in Christian Living (38.0205)
Masonry 1 (46.0111)
Masonry 2 (46.0112)
Masonry, Advanced (46.0112)
Mass Media (09.0111)
Materials Engineering, Other (14.1800)
Mathematical Analysis (27.0416)
Mathematics 1, Applied (27.0106)
Mathematics 1, General (27.0106)
Mathematics 1, Unified (27.0421)
Mathematics 2, Applied (27.0107)
Mathematics 2, General (27.0107)
Mathematics 2, Unified (27.0422)
Mathematics 3, Unified (27.0423)
Mathematics 7 (27.0101)
Mathematics 7, Accelerated (27.0102)
Mathematics 8 (27.0103)
Mathematics 8, Accelerated (27.0104)
Mathematics Lab (27.0105)
Mathematics Review (27.0112)
Mathematics Seminar (27.0424)
Mathematics Strategies (27.0424)
Mathematics Survival Skills (27.0114)
Mathematics Topics (27.0424)
Mathematics Tutoring (27.0113)
Mathematics and Computing (11.0121)
Mathematics as a Liberal Art (27.0109)
Mathematics for Employment (32.0108)

Mathematics for Trade and Industry (27.0110)
Mathematics in the Arts (27.0109)
Mathematics, Advanced (27.0410)
Mathematics, Advanced Placement (27.0420)
Mathematics, Basic (27.0105)
Mathematics, Competitive (27.0424)
Mathematics, Enrichment (27.0424)
Mathematics, Essentials (27.0105)
Mathematics, Honors (27.0420)
Mathematics, Independent Study (27.0424)
Mathematics, Other (27.9900)
Mathematics, Other General (27.0100)
Mathematics, Remedial (27.0105)
Mathematics, Vocational (27.0110)
Matrix Algebra (27.0417)
Meal Management (20.0183)
Meatcutting (48.0411)
Mechancial and Related Technologies, Other (15.0800)
Mechanical Drawing 1 (48.0111)
Mechanical Drawing 2 (48.0112)
Mechanical Drawing 3 (48.0113)
Mechanical Drawing 4 (48.0114)
Mechanical Engineering, Other (14.1900)
Mechanics Trades (47.0611)
Mechanics Trades, Advanced (47.0612)
Mechanics and Repairers, Other (47.9900)
Media Communications (09.0111)
Media Production Aide (10.0121)
Media and Critical Thinking (09.0111)
Media and Persuasion (09.0111)
Media and Politics (45.1010)
Media in Society (09.0111)
Medical Assisting (17.0551)
Medical Career Opportunities (17.0511)
Medical Careers Work Experience (17.0521)
Medical Emergencies (17.0211)
Medical Laboratory Technologies, Other (17.0300)
Medical Laboratory, Other (18.0900)
Medical Office Assisting (07.0671)
Medical Office Procedures (07.0671)
Medical Records Secretary (17.0541)
Medical Terminology (17.0531)
Medicinal Chemistry (17.0581)
Medicine, Other (18.1000)
Mental Health/Human Services, Other (17.0400)
Mentorship (24.0131)
Merchandising 1 (08.0711)
Merchandising 2 (08.0712)
Merchandising and Sales Management (06.1411)
Mesoamerica (05.0113)
Metal 1 (48.0511)
Metal 2 (48.0512)
Metal 3 (48.0513)
Metal 4 (48.0514)
Metal Class (48.0511)

Metal Lab (48.0511)
Metal Restoration (48.0541)
Metal Trades (48.0511)
Metallurgical Engineering, Other (14.2000)
Metalwork (48.0511)
Metalwork, Advanced (48.0512)
Meteorology (40.0411)
Mexican American Heritage (05.0271)
Mexican American Literature (23.0781)
Mexican American Studies (05.0271)
Mexican History (45.0833)
Mexico, Fine Arts (50.0728)
Microbiology (26.0511)
Microbiology, Other (26.0500)
Middle East History (45.0861)
Middle East, War for Survival (05.0132)
Middle Eastern Studies (05.0131)
Military Science (Army), Other (28.0300)
Military Sciences, Other (28.9900)
Military Technologies, Other (29.0100)
Millwork (48.0731)
Mineralogy (40.0641)
Minimum Standards Review (32.0118)
Mining Technology (15.0911)
Mining and Mineral Engineering, Other (14.2100)
Mining and Petroleum Technologies, Other (15.0900)
Minorities (05.0211)
Minorities in America (05.0211)
Minorities in United States History (05.0211)
Minority Groups in the United States (05.0211)
Minority Literature (23.0141)
Minority People (05.0211)
Miscellaneous Allied Health Services, Other (17.0500)
Miscellaneous Construction Trades, Other (46.0400)
Miscellaneous Mechanics and Repairers, Other (47.0400)
Miscellaneous Physical Sciences, Other (40.0700)
Miscellaneous Specialized Areas, Life Sciences, Other (26.0600)
Missionary Studies, Other (39.0300)
Mobility in Society (45.1141)
Model Building (50.0281)
Model Office (07.0733)
Model Security Council, Local (45.0941)
Model Senate (45.1027)
Model United Nations, Local (45.0951)
Model United Nations, National (45.0952)
Modern American History (45.0812)
Modern British Writers (23.0831)
Modern Classical Literature (23.0118)
Modern Dance 9, Intermediate (50.0321)
Modern Dance 10, Intermediate (50.0322)
Modern Dance 11, Intermediate (50.0323)
Modern Dance 12, Intermediate (50.0324)
Modern Dance for Beginners 9 (50.0311)
Modern Dance for Beginners 10 (50.0312)
Modern Dance for Beginners 11 (50.0313)

Modern Dance for Beginners 12 (50.0314)
Modern Europe (45.0852)
Modern Greek 1 (16.0621)
Modern Greek for Survival (16.0611)
Modern Journalistic Literature (23.0139)
Modern World Civilization (45.0837)
Money Management, Personal (20.0141)
Moral Issues, Social and Individual (38.0204)
Moral Thought and Decision Making (38.0204)
Motorcycle Operation (36.0181)
Motorcycle and Recreational Vehicle Repair (47.0611)
Multi Ethnic Cultures (05.0211)
Multi/Interdisciplinary Studies, Other (30.9900)
Multicultural Education (45.0221)
Mural Painting (50.0719)
Museology, Other (25.0500)
Music 7 (50.0901)
Music 8 (50.0902)
Music Appreciation (50.0963)
Music History 7 (50.0953)
Music History 8 (50.0954)
Music History 9 (50.0955)
Music History 10 (50.0956)
Music History 11 (50.0957)
Music History 12 (50.0958)
Music Lessons, Applied (50.0934)
Music Literature 9 (50.0959)
Music Literature 10 (50.0960)
Music Literature 11 (50.0961)
Music Literature 12 (50.0962)
Music Reading and Conference (50.0966)
Music Theater (50.0965)
Music Theory (50.0952)
Music Through the Ages (50.0954)
Music on Stage (50.0926)
Music, Independent Study (50.0966)
Music, Introduction (50.0901)
Music, Other (50.0900)
Musical Instrument Repair (47.0411)
Musicianship (50.0952)
Mysteries (23.0132)
Mythological Literature, Greek and Roman (23.0211)
Mythology and Fable (23.0126)
Mythology and Folklore (23.0126)
National State and Local Elections (45.1008)
Native American Languages, Other (16.1000)
Natural Science (26.0121)
Naval Architecture and Marine Engineering, Other (14.2200)
Naval Science (Navy, Marines), Other (28.0400)
Naval Science 1 (28.0411)
Naval Science 2 (28.0412)
Naval Science 3 (28.0413)
Naval Science 4 (28.0414)
Navigation (49.0331)
Neglected World (05.0137)

New England Studies (05.0106)
Newspaper Production 1 (09.0411)
Newspaper Production 2 (09.0412)
Newspaper Production 3 (09.0413)
Newswriting 1 (09.0411)
Newswriting 2 (09.0412)
Nineteen Seventies (45.0820)
Nineteen Sixties (45.0819)
Nobel Prize Authors (23.0150)
Non Fiction (23.0137)
Norse 1 (16.0521)
Norse 2 (16.0522)
North America and Current Events (05.0111)
North American History (45.0832)
North and South America (05.0112)
Norwegian 1 (16.0521)
Norwegian 2 (16.0522)
Notehand (32.0116)
Notetaking, College (32.0116)
Novels (23.0130)
Nuclear Engineering, Other (14.2300)
Nuclear Technologies, Other (41.0200)
Nurse Aide and Orderly (17.0631)
Nurse Aide, Cooperative (17.0641)
Nurse's Assistant (17.0631)
Nurse's Mathematics (17.0651)
Nursery Management (01.0651)
Nursery Operations and Management (01.0651)
Nursery Practices (01.0651)
Nursery School Training (20.0211)
Nursing Chemistry (17.0581)
Nursing, Introduction (17.0621)
Nursing, Other (18.1100)
Nursing, Practical (17.0621)
Nursing-Related Services, Other (17.0600)
Nutrition (20.0188)
Nutrition and Feeds (02.0251)
Nutrition and Food Management 1 (20.0183)
Nutrition and Food Management 2 (20.0184)
Occult Literature (23.0144)
Occupational Exploratory Program (32.0103)
Ocean Engineering, Other (14.2400)
Oceanography (40.0711)
Office Aide (33.0111)
Office Career Occupations (07.0732)
Office Education 1, Cooperative (07.0741)
Office Education 2, Cooperative (07.0742)
Office Machine Repair (47.0151)
Office Machines (07.0161)
Office Machines, Vocational (07.0162)
Office Occupations Work Experience (07.0741)
Office Pool (07.0733)
Office Practice 1 (07.0731)
Office Practice 2 (07.0732)
Office Practice, Advanced (07.0733)

Office Procedures 1 (07.0731)
Office Procedures 2 (07.0732)
Office Services 1 (07.0731)
Office Services, Advanced (07.0733)
Office Skills, Integrated (07.0731)
Office Specialist 1 (07.0731)
Office Specialist 2 (07.0732)
Office Supervision and Management, Other (07.0400)
Office Technology 1 (07.0731)
Office Technology 2 (07.0732)
Office Training, Vocational (07.0741)
Old South (05.0107)
On Trial (22.0121)
Once and Future King (23.0861)
Ophthalmic Services, Other (17.0700)
Optics Technology (15.0631)
Optometry, Other (18.1200)
Oral Communications (23.1011)
Oral Composition (23.1011)
Oral Interpretation (23.1021)
Orchestra 7 (50.0912)
Orchestra 7, Advanced (50.0913)
Orchestra 8 (50.0914)
Orchestra 8, Advanced (50.0915)
Orchestra 9 (50.0916)
Orchestra 9, Advanced (50.0917)
Orchestra 10 (50.0918)
Orchestra 11 (50.0919)
Orchestra 12 (50.0920)
Orchestration (50.0950)
Organ (50.0933)
Organic Biochemistry (40.0531)
Organic Chemistry (40.0531)
Organizational Behavior, Other (06.1500)
Orient, Land of Mystery (05.0127)
Oriental Cultures (05.0127)
Ornamental Horticulture 1 (02.0421)
Ornamental Horticulture 2 (02.0422)
Ornamental Horticulture 3 (02.0423)
Osteopathic Medicine, Other (18.1300)
Our Cultural Heritage 7 (45.0802)
Outdoor Education (30.0131)
Outdoor Recreation, Other (31.0200)
PASCAL, Introduction (11.0231)
Pacific Lands, History (45.0866)
Painting 1 (50.0715)
Painting 2 (50.0716)
Painting and Decorating (46.0421)
Parent Education (20.0173)
Parenthood (20.0173)
Parenting (20.0173)
Parks and Recreation Management, Other (31.0300)
Parks and Recreation, Other (31.9900)
Parks and Recreation, Other General (31.0100)
Parliament and Court Procedures (22.0111)

Pathology (26.0761)
Patient Care Technician (17.0631)
Peace Studies, Other (30.0500)
Peace and Social Justice (38.0151)
Peer Tutoring (33.0141)
Penmanship (23.0413)
People Technology and the Environment (30.0621)
People and Their Culture (30.0411)
Pep Squad (33.0121)
Performing Dance Group 9 (50.0341)
Performing Dance Group 10 (50.0342)
Performing Dance Group 11 (50.0343)
Performing Dance Group 12 (50.0344)
Person of Jesus (38.0202)
Personal Adjustment (37.0121)
Personal Awareness, Other (37.0100)
Personal Culture (37.0111)
Personal Development Techniques (37.0111)
Personal Grooming and Fashion (37.0111)
Personal Management (37.0111)
Personal Services Occupations (12.0431)
Personal Services, Other (12.0400)
Personality Psychology, Other (42.1000)
Personnel Management, Other (06.1600)
Personnel and Training Programs, Other (07.0500)
Pet Grooming (01.0521)
Petroleum Engineering, Other (14.2500)
Petroleum Technology (15.0921)
Pharmacy, Other (18.1400)
Philosophy (38.0111)
Philosophy Seminar (38.0111)
Philosophy and Religion, Other (38.9900)
Philosophy, Other (38.0100)
Photography 10 (50.0621)
Photography 11, Advanced (50.0631)
Photography 11, Elementary (50.0622)
Photography 12, Advanced (50.0632)
Photography 12, Elementary (50.0623)
Photography, Advanced Commercial (10.0132)
Photography, Commercial (10.0131)
Photojournalism (10.0131)
Physical Chemistry (40.0541)
Physical Education 7 (34.0111)
Physical Education 8 (34.0112)
Physical Education 9 (34.0113)
Physical Education 10 (34.0114)
Physical Education 11 (34.0115)
Physical Education 12 (34.0116)
Physical Education Leadership Training (34.0161)
Physical Education, Adaptive (34.0121)
Physical Geography (45.0707)
Physical Science (40.0121)
Physical Science 8 (40.0111)
Physical Science Technologies, Other (41.0300)
Physical Science, Applied (40.0141)

Physical Sciences, Other (40.9900)
Physical Sciences, Other General (40.0100)
Physical Training (36.0171)
Physical and Health Education 7 (34.0111)
Physical and Health Education 8 (34.0112)
Physical and Health Education 9 (34.0113)
Physical and Life Science (30.0111)
Physics 1 (40.0821)
Physics 2 (40.0822)
Physics 2 without Calculus (40.0831)
Physics Concepts (40.0811)
Physics of Sound (40.0851)
Physics, Advanced (40.0822)
Physics, Advanced Placement (40.0822)
Physics, Applied (40.0811)
Physics, College (40.0821)
Physics, General (40.0811)
Physics, Honors (40.0822)
Physics, Other (40.0800)
Physics, Regents (40.0821)
Physiological Psychology, Other (42.1100)
Physiology, Advanced (26.0752)
Physiology, Human (26.0751)
Piano 1 (50.0931)
Piano 2 (50.0932)
Planetary Science, Other (40.0900)
Plant Propagation (01.0611)
Plant Science (02.0411)
Plant Sciences, Other (02.0400)
Plants and People (26.0311)
Plastic Arts (50.0720)
Plastics 1 (48.0611)
Plastics 2 (48.0612)
Play Production 10 (50.0512)
Play Production 11 (50.0513)
Play Production 12 (50.0514)
Plays, Modern Survey (23.0129)
Playwriting (50.0531)
Plumbing 1 (46.0511)
Plumbing 2 (46.0512)
Plumbing, Pipefitting, and Steamfitting, Other (46.0500)
Podiatry, Other (18.1500)
Poetry (23.0133)
Police Science (43.0111)
Polish 1 (16.0441)
Polish 2 (16.0442)
Polish 3 (16.0443)
Polish 4 (16.0444)
Political Intrigue and Murder (23.0821)
Political Issues (45.1008)
Political Leadership (45.1028)
Political Science (45.1029)
Political Science and Government, Other (45.1000)
Political Science, Advanced Placement (45.1030)
Political Studies (45.1004)

Political Studies, Honors (45.1013)
Pop Music History 9 (50.0955)
Pop Music History 10 (50.0956)
Pop Music History 11 (50.0957)
Pop Music History 12 (50.0958)
Pop Rock Ensemble (50.0947)
Population Education (45.0511)
Population and Family Planning, Other (18.1600)
Portrait of an American (23.0711)
Portraiture (50.0724)
Portuguese 1 (16.0926)
Portuguese 2 (16.0927)
Portuguese 3 (16.0928)
Portuguese 4 (16.0929)
Portuguese 5 (16.0930)
Pottery 10 (50.0264)
Pottery 11 (50.0265)
Pottery 12 (50.0266)
Poultry (02.0231)
Power Conversion 1 (47.0511)
Power Mechanics 1 (47.0511)
Power Mechanics 2 (47.0512)
Power Mechanics 3 (47.0513)
Power Mechanics 4 (47.0514)
Power Technology 1 (47.0511)
Power Technology 2 (47.0512)
Power and Machinery, Agricultural (01.0231)
Practical Government (45.1004)
Practical Law (22.0121)
Prayer and Liturgy (38.0213)
Pre-Algebra (27.0401)
Pre-Calculus (27.0416)
Pre-Dentistry, Other (18.1700)
Pre-Medicine, Other (18.1800)
Pre-Pharmacy, Other (18.1900)
Pre-Veterinary, Other (18.2000)
Precision Food Production, Other (48.0400)
Precision Metal Work, Other (48.0500)
Precision Production, Other (48.9900)
Precision Work, Assorted Materials, Other (48.0600)
Presidency (45.1005)
Presidential Roles (45.1005)
Printer's Ink (50.0291)
Printing Production, Cooperative (48.0223)
Printing, Advanced (48.0222)
Printing, Introduction (48.0221)
Printmaking (50.0291)
Probability (27.0521)
Probability and Statistics (27.0531)
Problems of Democracy (45.1017)
Problems of Democracy and Economics (45.1017)
Product Design (50.0723)
Production Agriculture (01.0311)
Production Printing (48.0221)
Profitable Sewing 1 (20.0311)

Profitable Sewing 2 (20.0312)
Projection Theory (48.0111)
Projection, Applied (48.0112)
Prosectorial Science, Other (18.2100)
Protective Services, Other (43.9900)
Protest Literature (23.0145)
Psycholinguistics, Other (42.1200)
Psychology (42.0111)
Psychology of Learning (42.0311)
Psychology, Advanced (42.0112)
Psychology, Other (42.9900)
Psychology, Other General (42.0100)
Psychometrics, Other (42.1300)
Psychopharmacology (42.1411)
Psychopharmacology, Other (42.1400)
Public Administration, Other (44.0400)
Public Affairs, Other (44.9900)
Public Affairs, Other General (44.0100)
Public Health Laboratory Science, Other (18.2200)
Public Policy Studies, Other (44.0500)
Public Relations, Other (09.0500)
Public Speaking (23.1011)
Public Works, Other (44.0600)
Publications 1 (09.0441)
Publications 2 (09.0442)
Pure Mathematics, Other (27.0400)
Quality Control Technology (15.0711)
Quality Control and Safety Technologies, Other (15.0700)
Quantitative Psychology, Other (42.1500)
Radio Production (10.0161)
Radio and TV Repair 1 (47.0121)
Radio and TV Repair 2 (47.0122)
Radio and TV Repair 3 (47.0123)
Radio and Television Appreciation (09.0721)
Radio/Television News Broadcast, Other (09.0600)
Radio/Television, Other General (09.0700)
Reading Development 1 (32.0109)
Reading Development 2 (32.0110)
Reading Improvement (32.0109)
Reading Laboratory (23.0153)
Reading and Conference (23.0153)
Reading for Pleasure (23.0153)
Reading, Independent Study (23.0153)
Reading, Individualized (23.0153)
Reading, Remedial (32.0109)
Real Estate Marketing (06.1711)
Real Estate, Other (06.1700)
Realism (23.0121)
Recordkeeping (07.0151)
Recordkeeping 1 (07.0151)
Recordkeeping 2 (07.0152)
Recordkeeping Techniques, Specialized (07.0152)
Recordkeeping, Clerical (07.0151)
Recordkeeping, Personal (32.0101)
Recreation Aide (31.0111)

Recreational Activities (36.0191)
Reform in American History (45.0821)
Refrigeration and Air Conditioning (47.0211)
Refrigeration and Air Conditioning 2 (47.0212)
Regional Writers (23.0761)
Rehabilitation Services, Other (17.0800)
Religion and Literature (38.0211)
Religion and Psychology (38.0209)
Religion, Introduction (38.0212)
Religion, Other (38.0200)
Religions of the East from Hinduism to Zen (38.0208)
Religious Development in the West (38.0210)
Religious Education, Other (39.0400)
Religious Music, Other (39.0500)
Renaissance Literature (23.0119)
Renewable Natural Resources, Other (03.9900)
Renewable Natural Resources, Other General (03.0100)
Reprographics (07.0651)
Research Paper (23.0154)
Research Process (23.0154)
Research Technique (23.0154)
Research and Writing the Term Paper (23.0154)
Residential Wiring (43.0311)
Restaurant Occupations 1 (20.0411)
Restaurant Occupations 2 (20.0412)
Retail Learning Laboratory (08.0741)
Retailing and Merchandising (08.0711)
Rhetoric, Other (23.0900)
Rhythm and Dance 9 (50.0311)
Rhythm and Dance 10 (50.0312)
Rhythm and Dance 11 (50.0313)
Rhythm and Dance 12 (50.0314)
Rights and Responsibilities (45.1006)
Ritual and Symbol (38.0201)
Roaring 20's and Depressed 30's (45.0817)
Rock Poetry (23.0134)
Rocketry and Space Science (40.0911)
Romanticism (23.0120)
Rome and Her Empire (45.0847)
Rural Recreation (03.0621)
Russian 1 (16.0421)
Russian 2 (16.0422)
Russian 3 (16.0423)
Russian 4 (16.0424)
Russian 5 (16.0425)
Russian 6 (16.0426)
Russian History (45.0867)
Russian Literature (23.0124)
Russian and Slavic Studies (05.0133)
SAT Mathematics (27.0112)
Sacraments (38.0207)
Safety (34.0181)
Sales and Marketing (08.0711)
Salesmanship (08.0731)
Satire, Modern British (23.0851)

School Beautification 10 (50.0711)
School Beautification 11 (50.0712)
School Beautification 12 (50.0713)
School Food Service (20.0481)
School Psychology, Other (13.0800)
School Service (33.0111)
Science 7 (26.0111)
Science 8 (40.0111)
Science 9 (40.0121)
Science Fiction (23.0138)
Science Ideas (30.0111)
Science Investigations (30.0121)
Science Mathematics (27.0108)
Science Research Techniques (30.0121)
Science Study, Independent (30.0121)
Science Technologies, Other (41.9900)
Science Technology and the Future (30.0611)
Science Workshop (30.0111)
Science, Applied (30.0111)
Science, Basic (30.0111)
Science, General (30.0111)
Science, Unified (30.0111)
Scripture (38.0203)
Sculpture (50.0720)
Secretarial Administration 1 (07.0631)
Secretarial Administration 2 (07.0632)
Secretarial Office Practice (07.0631)
Secretarial Practice (07.0631)
Secretarial Procedures (07.0631)
Secretarial Skills, Integrated (07.0631)
Secretarial Typewriting, Integrated (07.0631)
Secretarial and Related Programs, Other (07.0600)
Selected American Authors (23.0711)
Self Development (37.0111)
Self Image (37.0131)
Self Perception (37.0131)
Semantics and History of Language (23.0611)
Seminar in an Author (23.0151)
Semitic Languages, Other (16.1100)
Senior Band Front (50.0911)
Senior Studio (50.0709)
Sewing 1 (20.0133)
Sewing 2 (20.0134)
Sewing 3 (20.0135)
Sewing, Intermediate (20.0134)
Sewing, Introduction (20.0133)
Sex Education (34.0191)
Shakespeare (23.0821)
Sheet Metal 1 (48.0531)
Sheet Metal 2 (48.0532)
Shoe Repair and Orthopedics (47.0431)
Shop 1, Exploratory (21.0103)
Shop 2, Exploratory (21.0104)
Shop Mathematics (27.0110)
Shop, General (21.0103)

Short Fiction (23.0131)
Short Narrative (23.0131)
Short Story (23.0131)
Shorthand 1 (07.0611)
Shorthand 2 (07.0612)
Shorthand for College (32.0116)
Shorthand, Advanced (07.0612)
Shorthand, Beginning (07.0611)
Sign Painting (48.0231)
Silk Screen (50.0721)
Simulated Office (07.0733)
Singles Survival (20.0117)
Sketching and Blueprint Reading (48.0141)
Small Animal Production (02.0271)
Small Appliance Repair (47.0111)
Small Business Management (06.1811)
Small Business Management and Ownership, Other (06.1800)
Small Engine Maintenance (47.0611)
Small Engine Repair 1 (47.0611)
Small Engine Repair 2 (47.0612)
Small Engines, Agricultural (01.0231)
Small Gas Engines (47.0611)
So You Want A Job (32.0102)
Social Foundations, Other (13.0900)
Social Issues (45.1111)
Social Justice Issues (38.0151)
Social Problems (45.1111)
Social Psychology (42.1611)
Social Psychology, Other (42.1600)
Social Science Seminar (45.0131)
Social Science, Advanced Theory and Research (45.0121)
Social Science, Introduction (45.0111)
Social Sciences, Other (45.9900)
Social Sciences, Other General (45.0100)
Social Studies 7, Honors (45.0803)
Social Studies 8 (45.0805)
Social Studies 8, Honors (45.0806)
Social Studies Skills (45.0111)
Social Studies, Independent Reading (45.0141)
Social Studies, Independent Research (45.0141)
Social Studies, Independent Study (45.0141)
Social Studies, Introduction (45.0111)
Social Work, Other (44.0700)
Sociology, General (45.1121)
Sociology, Honors (45.1171)
Sociology, Issues (45.1131)
Sociology, Other (45.1100)
Sociology, Research (45.1181)
Soil Sciences, General (02.0511)
Soil Sciences, Other (02.0500)
Soil and Water Mechanical Practices (01.0261)
Soils, Forestry and Wildlife (03.0211)
South America (05.0113)
South American History (45.0834)
Southwest United States (05.0109)

Soviet Area Studies (05.0133)
Soviet Union (05.0133)
Soviet Union and Afro American Developing Nations (05.0135)
Soviet Union and China (05.0134)
Space Science (40.0911)
Spanish 1 (16.0933)
Spanish 2 (16.0934)
Spanish 3 (16.0935)
Spanish 4 (16.0936)
Spanish 5 (16.0937)
Spanish 7 (16.0931)
Spanish 8 (16.0932)
Spanish 9 (16.0933)
Spanish 10 (16.0934)
Spanish 11 (16.0935)
Spanish 12 (16.0936)
Spanish Field-Based Experience (16.0938)
Spanish Seminar (16.0938)
Spanish for Native Speakers (16.0940)
Spanish for Spanish Speakers (16.0940)
Spanish for Survival (16.0931)
Spanish for Travelers (16.0941)
Spanish, Advanced Placement (16.0937)
Spanish, Beginning (16.0933)
Spanish, Commercial (16.0942)
Spanish, Independent Study (16.0939)
Spanish, Intermediate (16.0935)
Spanish, Job Related (16.0942)
Special Education, Other (13.1000)
Speech 1 (23.1021)
Speech 2 (23.1022)
Speech 3 (23.1023)
Speech Arts (23.1011)
Speech Tournament (23.1022)
Speech, Debate, and Forensics, Other (23.1000)
Speech, Developmental (32.0112)
Speech, General (23.1021)
Speed Reading (32.0111)
Speedwriting (32.0116)
Spelling (23.0405)
Sports Medicine (17.0561)
Sports Officiating (12.0211)
Sports Through Literature (23.0143)
Sports Wear (20.0136)
Sports, Individual (36.0111)
Sports, Team (36.0121)
Square Dance (50.0371)
Stage Band (50.0926)
Stage Design and Stage Craft 10 (50.0512)
Stagecraft 9 (50.0511)
Stagecraft 10 (50.0512)
Stagecraft 11 (50.0513)
Stagecraft 12 (50.0514)
Starting Your Own Business (08.0311)
State History (45.0807)

State History and Government (45.0807)
State Writers (23.0761)
State and Community Agriculture (01.0141)
State and Local Government (45.1002)
Stationary Energy Sources, Other (47.0500)
Statistics (27.0511)
Statistics, Other (27.0500)
Stenography 1 (07.0611)
Stenography 2 (07.0612)
Stenography, Advanced (07.0612)
Store Experience (08.0721)
Street Law (22.0131)
Structural Woods (46.0212)
Student Assessment of Child Health (17.0611)
Student Assistant (33.0111)
Student Counseling and Personnel Services, Other (13.1100)
Student Government (33.0131)
Studio Art Laboratory (50.0703)
Studio in Art (50.0703)
Study Dynamics (32.0117)
Summer Abroad (24.0121)
Supernatural Literature (23.0144)
Survey Media (50.0703)
Survey of World Studies (45.0835)
Surveying (15.0211)
Surveying and Mapping Sciences, Other (14.2600)
Surveying, Agricultural (01.0271)
Survival Skills (20.0117)
Swahili 1 (16.0211)
Swahili 2 (16.0212)
Swedish 1 (16.0531)
Swedish 2 (16.0532)
Swedish 3 (16.0533)
Symphonic Orchestra (50.0920)
Symphony and Lecture Series (50.0966)
Systems Analysis, Other (11.0500)
Systems Engineering, Other (14.2700)
Systems Science, Other (30.0600)
Systems of Philosophy (38.0111)
TESOL, Advanced (16.0123)
TESOL, Beginning (16.0121)
TESOL, Intermediate (16.0122)
Tailoring (20.0137)
Taxation, Other (06.1900)
Teacher Aide (20.0251)
Teacher Assistant (33.0111)
Teacher Cadet (33.0111)
Teacher Education, General Programs, Other (13.1200)
Teacher Education, Specific Subject Areas, Other (13.1300)
Teaching English as a Second Language/Foreign Language, Other (13.1400)
Technical English (23.1111)
Technical Mathematics (27.0111)
Technical and Business Writing, Other (23.1100)
Technology and Urbanization (45.1231)
Teens Today (37.0111)

Telecommunications 1 (10.0171)
Telecommunications 2 (10.0172)
Television News (09.0611)
Television Occupations (10.0171)
Television Production 1 (10.0171)
Television Production 2 (10.0172)
Television Repair (47.0121)
Television and Economics (45.0607)
Television and Taste (09.0721)
Testaments, Old and New (38.0203)
Textile Design (50.0271)
Textile Engineering, Other (14.2800)
Textiles Testing (20.0381)
Textiles and Clothing 1 (20.0133)
Textiles and Clothing 2 (20.0134)
Textiles and Clothing 3 (20.0135)
Textiles and Clothing, Other (19.0900)
Theater Arts 1 (50.0511)
Theater Makeup (50.0421)
Theater Music Workshop (50.0965)
Theater Practicum Contract (50.0541)
Theater Production 11 (50.0513)
Theater Projects 12 (50.0514)
Theater Workshop 12 (50.0514)
Theatre Projects 11 (50.0513)
Themes in Literature (23.0139)
Theological Studies (39.0611)
Theological Studies, Other (39.0600)
Theology, Other (39.9900)
Therapeutic Recreation Aide (20.0661)
They Used to Call It Rhetoric (23.1021)
Third World History (45.0857)
Three Dimensional Art (50.0720)
Three Dimensional Design (50.0720)
Tile Setting and Plastering (46.0121)
Today's Problems (45.1017)
Touch Shorthand (07.0621)
Tourism Services (08.1111)
Toxicology (Clinical), Other (18.2300)
Track and Field (36.0151)
Trade and Industrial Supervision and Management, Other (06.2000)
Traditional Music 9, Survey (50.0959)
Traditional Music 10, Survey (50.0960)
Traditional Music 11, Survey (50.0961)
Traditional Music 12, Survey (50.0962)
Traffic Safety (34.0151)
Transcription (07.0621)
Transcription, Machine (07.0621)
Transportation and Material Moving, Other (49.9900)
Transportation and Travel Marketing, Other (08.1100)
Trees and Shrubs, Local (26.0311)
Trigonometry (27.0411)
Trigonometry and Solid Geometry (27.0413)
Turf Management (01.0671)
Tutoring (33.0141)

Twenties and Thirties (45.0817)
Twentieth Century America (45.0816)
Twentieth Century America, Survey (45.0816)
Twentieth Century Europe (45.0854)
Twentieth Century Literature (23.0122)
Two Dimensional Design (50.0714)
Typewriting 1 (07.0711)
Typewriting 2 (07.0712)
Typewriting 3 (07.0713)
Typewriting, Advanced (07.0712)
Typewriting, Beginning (07.0711)
Typewriting, Business (07.0711)
Typewriting, Career (07.0713)
Typewriting, Executive (07.0713)
Typewriting, Personal (07.0721)
Typing, General Office, and Related Programs, Other (07.0700)
U S S R (05.0133)
Ukrainian 1 (16.0411)
United States Census (45.0511)
United States Cultures (05.0211)
United States Government (45.1004)
United States History 1 (45.0811)
United States History 2 (45.0812)
United States History 8 (45.0804)
United States History and Government (45.1004)
United States History, Advanced Placement (45.0814)
United States History, Field Study (45.0831)
United States History, Honors (45.0813)
United States History, Recent (45.0818)
United States History, Remedial (33.0161)
United States History, State and Local (45.0807)
United States History, State, Advanced Placement (45.0808)
United States Military History 1 (45.0829)
United States Military History 2 (45.0830)
United States and world geography (45.0701)
United States as a World Power (45.1011)
Upholstery (48.0321)
Upholstery, Advanced (48.0322)
Urban Design, Other (04.0700)
Urban Ecology (45.1221)
Urban Environment and Problems (45.1211)
Urban Problems (45.1211)
Urban Social Problems (45.1211)
Urban Studies (45.1211)
Urban Studies, Other (45.1200)
Urban Survival (45.1211)
Utopias (23.0148)
Vehicle Power (47.0621)
Vehicle and Equipment Operation, Other (49.0200)
Vehicle and Mobile Equipment Mechanics and Repairers, Other (47.0600)
Vehicles and Petroleum Marketing, Other (08.1200)
Vending Machine Repair (47.0141)
Veterinary Aide (17.0571)
Veterinary Medicine, Other (18.2400)
Veterinary Science (17.0571)

Victorian Literature (23.0841)
Videotape Production (10.0171)
Violence in America (45.1151)
Visual Composition (50.0622)
Visual and Performing Arts, Other (50.9900)
Visual and Performing Arts, Other General (50.0100)
Vocabulary (23.0404)
Vocal Ensemble (50.0947)
Vocational Cooperative Program (32.0106)
Vocational Home Economics, Other (20.9900)
Vocations, Introduction (32.0103)
Voice Class (50.0948)
Voice, Developmental (32.0114)
War and Modern Consciousness (45.0827)
War and Peace (23.0139)
Warehousing Industrial and Wholesale Material Handling (08.0761)
Water Resources, Other (31.0400)
Water Transportation, Other (49.0300)
Watercolor 1 (50.0717)
Watercolor Painting (50.0717)
Watercolors and Airbrush (50.0717)
Waterman Occupations (03.0311)
Weaving and Dyeing (50.0271)
Wedding and Specialty Consulting (20.0361)
Weight Training and Body Development (36.0171)
Welding 1 (48.0521)
Welding 2 (48.0522)
Welding 3 (48.0523)
Welding, Agricultural (01.0221)
Western Civilization 9 (45.0840)
Western Civilization 9, Honors (45.0841)
Western Civilization, Advanced Placement (45.0844)
Western Civilization, History (45.0842)
Western Civilization, Modern (45.0856)
Western Europe on the Move (05.0118)
Western European Culture Studies, Academic (05.0119)
Western European Culture Studies, Honors (05.0120)
Western Literature (23.0771)
Western Man (05.0119)
Western Religions (38.0210)
Westward Movement (45.0815)
Who Is Jesus (38.0202)
Wigology and the Professional Business of Cosmetology (12.0412)
Wild West (05.0108)
Wildlife Management (03.0611)
Wildlife Management, Other (03.0600)
Wind Ensemble (50.0923)
Women in American Society (30.0711)
Women in Literature (23.0142)
Women's Studies (30.0711)
Women's Studies in Literature (30.0721)
Women's Studies, Other (30.0700)
Wood 1 (48.0711)
Wood 2 (48.0712)
Wood 3 (48.0713)

Wood 4 (48.0714)
Wood Products (48.0712)
Wood and Stone Carving (50.0720)
Woodwind Class (50.0924)
Woodworking 1 (48.0711)
Woodworking 2 (48.0712)
Woodworking 3 (48.0713)
Woodworking 4 (48.0714)
Woodworking, Advanced (48.0713)
Woodworking, Basic (48.0711)
Woodworking, Other (48.0700)
Word Clues (23.0412)
Word Power (23.0404)
Word Processing 1 (07.0641)
Word Processing 2 (07.0642)
Word Study, Remedial (32.0115)
Wordsearch (23.0412)
Work Experience (32.0104)
Work Experience Mathematics (32.0108)
Work Experience, Advanced (32.0105)
Work Observational Experience (32.0103)
World Civilization 9 (45.0840)
World Civilization 9, Honors (45.0841)
World Civilization, Twentieth Century (45.0838)
World Civilization, Twentieth Century, Honors (45.0839)
World Cultures 1 (05.0114)
World Cultures 2 (05.0115)
World Cultures, Honors (05.0116)
World Drama (23.0128)
World Geography (45.0704)
World Geography and World Cultures (45.0835)
World History (45.0835)
World History and Culture (45.0835)
World History, Advanced (45.0844)
World History, College (45.0836)
World History, Modern (45.0837)
World Leaders, Past and Present (45.0868)
World Literature (23.0118)
World Problems (05.0138)
World Studies 1 (05.0114)
World Studies 2 (05.0115)
World Studies, Honors (05.0116)
World War II (45.0828)
World Wars (45.0824)
World of Communications (10.0111)
World of Construction (21.0109)
Writing About Literature (23.0403)
Writing Laboratory (23.0402)
Writing Practice (23.0401)
Writing Skills Workshop (23.0402)
Writing and Research (23.0154)
Writing for Publication (09.0411)
Writings Influencing Government (45.1025)
Yearbook Production 1 (09.0441)
Yearbook Production 2 (09.0442)

Yiddish 1 (16.0541)
Yiddish 2 (16.0542)
Yiddish 3 (16.0543)
You and Your Money (20.0141)
Youth and Decisions (37.0111)
Youth and Literature (23.0146)
Youth and Local Politics (45.1008)
Youth and the Law (22.0121)
Zoology (26.0711)
Zoology, Invertebrate (26.0731)
Zoology, Other (26.0700)
Zoology, Vertebrate (26.0721)